

Acoustic luminous range



SIRENA

1
ed. 2006

Linea acustica luminosa

SIRENA

1
ed. 2006

Linea colonne luminose

SIRENA

2
ed. 2006

Linea Ex-d

SIRENA

3
ed. 2006

Linea SEV

SIRENA

4
ed. 2006

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SPECIFICATIONS

- **European Machine Directive 89/392** requires the installation of appropriate audible and visual warning devices as an essential safety requirement for the operator in industrial environments.
- **European norms EN 457 and EN 842** (machine safety: audible and visual danger signalling) specify the technical, design and functional characteristics the audible and visual signal must have to be effective, i.e. audible or visible, distinguishable and unequivocal.
- SIRENA acoustic (electric and electronic sirens, bells and industrial horns) and luminous devices (continuous, blinking, rotating and flashing beacons) conform in every aspect to the technical and functional requirements of Norms EN 457 and EN 842.
- The installation of Sirena's range of audible and visual products onto machines conforms in every way to the safety standards set out in current norms.

GUIDELINES FOR INTERPRETATION AND APPLICATION OF THE NORMS - ACOUSTIC LINE

Current international standards for safety require the installation of an audible warning device in order to attract the attention of the operator and to indicate a dangerous or emergency situation.

These standards have specific rules regarding the installation of audible warning devices in industrial environments. Two important factors determine the capability of the sound to be heard in any environment:

- **the distance between the audible warning device and the operator**
- **the existing ambient noise.**

The suitability of an audible alarm for a specific application is determined by its specification, i.e.:

- **sound output DECIBEL (dB)**
- **sound frequency HERTZ (Hz).**

International standards for industrial warning devices have established minimum differential sound output levels that must be complied with. **The dB level** of the siren must be at least **15 dB higher** than that of the measured ambient noise. The siren must, however, have a **minimum sound output of 65 dB**. The sound frequency of the siren, at the point where the sound output is greatest, must differ as much as possible to the frequency of the ambient noise. Sound frequency, however, must be between 300 and 3000 Hz.

The use of a **PHONOMETER** is necessary to measure ambient sound levels, in order to comply with these regulations and to select the most suitable siren. Once this data is available the selection of a siren can be done very simply, by using the data shown in the Sirena catalogue and by making the required adjustments to compensate for the ambient noise levels.

The sound output dB (A) levels of Sirena's audible warning devices are accurately measured in an anechoic testing chamber at a distance of one meter from the axis of the device.

The ratings given in the Sirena catalogue for electric motor sirens give a maximum sound output. This is also valid for the horns and electronic sirens.

The Hz frequencies shown in the Sirena catalogue refer to a specific frequency for the electric motor and

electronic sirens, and for a range of applicable frequencies for the other types of warning devices, i.e. horns and electronic sirens.

Further information regarding the sound spectrum of Sirena's range of audible warning devices is available on request. When selecting an audible warning device the sound spectrum of the siren must be superimposed upon the sound spectrum of the ambient noise. The differential dB level and the differential frequencies are therefore immediately recognised.

Additional factors to be considered when selecting an audible warning device:

Electric motor sirens have a short duty cycle, produce a single tone sound and reach their specified operating frequency quickly. A single sound is very effective but can, after a short time, lose effectiveness as the human ear may become accustomed to it. A more effective method of audible alarm can be obtained by applying an electronic modulator (ME) which would allow a modulated or intermittent sound.

Horns and bells produce distinct sounds which are easily distinguishable from typical everyday sounds. They have low frequencies and are suitable for a variety of signalling applications especially long distance, short call signals or danger signals. They produce a continuous sound that can be changed to intermittent by using an electronic modulator (ME).

Magnetodynamic and exponential horn electronic sirens have high frequency sound output suitable for short distance use. In general, electronic sirens have the following advantages over electric motor sirens:

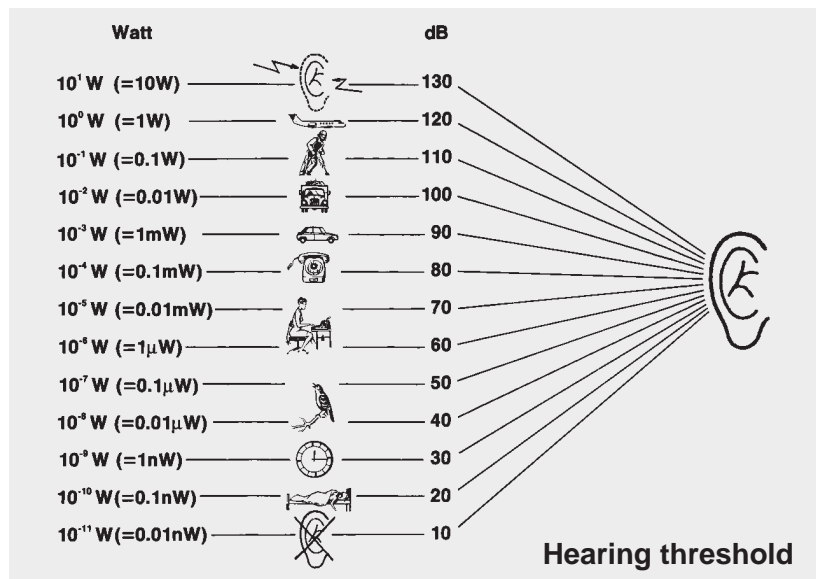
- low power consumption
- greater sound output
- variable tone in the sound frequency (i.e. modulated, bi-tone, or multi-tone)
- cyclic and pause option
- intermittent sound option
- progressive sound option controlling the level of the final blast
- continuous operation
- combined audible/visual signal option.

Decibel dB (1m) - Measurement of sound output

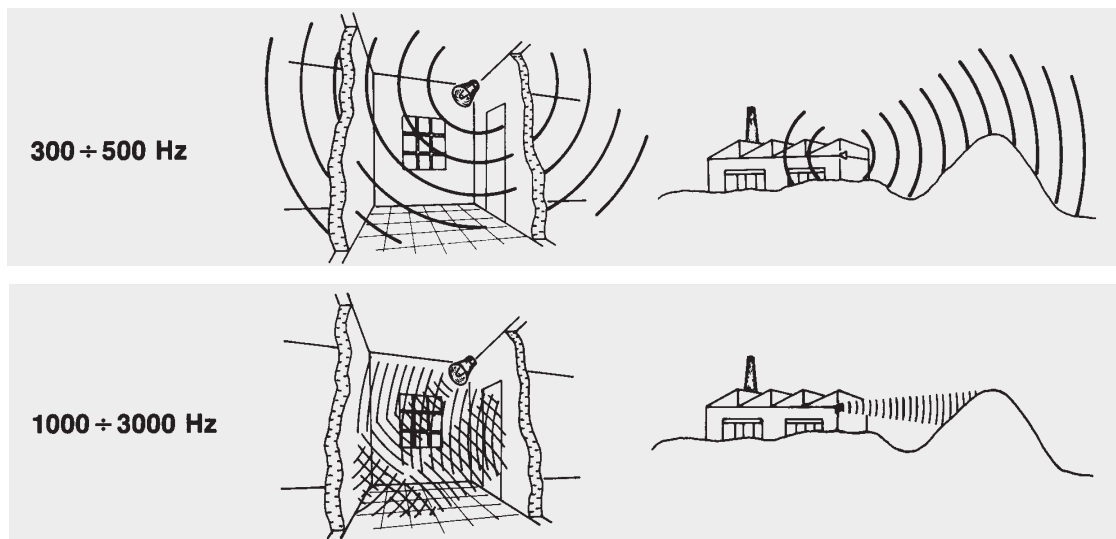
The sound level can be measured but no precise indication exists for the range of the sound. Too many unknown factors affect this value: type of sound, speed and direction of the wind, humidity, fog, rain etc. etc. The data shown in the following table are useful as theoretical indication.

The strongness of a signal is always relative - see table on the right.

An increase of 3 dB is heard as a double sound level.



Diffusion of sound waves - Sound intensity



Distance




m	dB (A)																									
	65	70	75	80	85	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130
1	65	70	75	80	85	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130
2	59	64	69	74	79	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124
3	55	60	65	70	75	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120
5	51	56	61	66	71	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116
10	45	50	55	60	65	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110
20	39	44	49	54	59	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104
30	35	40	45	50	55	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100
50	=	36	41	46	51	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96
100		=	=	40	45	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
200				=	39	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84
300					=	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80
500						=	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76
1000							=	=	=	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70
2000								=	=	=	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68
3000									=	=	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68
5000										=	=	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66

GUIDELINES FOR INTERPRETATION AND APPLICATION OF THE NORMS - LUMINOUS LINE

Visual warning signals establish a code communication through two variables, i.e. different degrees of brightness and the use of different colours. Through these features the operator receives information.

According to different characteristics we can classify various types of luminous signals in the Sirena product range:

- The degree of brightness changes according to:
 - the distance between the luminous point and the observer
 - the different type of diffuser lens used
 - the colour of the dome selected.
- The light intensity of Sirena warning signals is measured in Cd (p) in a photometric chamber. The Cd (p) represents a peak luminous intensity using a clear dome. To establish the actual output when installing the beacon, the distance and the colour of the dome must be taken into consideration. For example, if the viewing distance is doubled, the light intensity observed is reduced by a quarter and if the distance is quadrupled the light intensity is reduced by a sixteenth. Furthermore, the Cd (p) rate is measured using a clear dome that allows 100% brightness. The brightness is reduced dependant upon the colour of the dome, for example:

		6	5	2	3	1	4
Light transmission		100%	95%	70%	30%	17%	12%
		100%	94%	70%	27%	20%	15%
		100%	93%	70%	23%	24%	25%

- The current standards regarding visual signals used in industrial applications state that warning signals must be five times brighter than the ambient light level. Emergency signals must be ten times brighter than the ambient light level. In order to ensure that the correct beacon is selected the ambient light level must be measured. The ambient light level is measured in LUX and can be easily established by using a "LUXOMETER".

By using the following formula the "LUX" measurement is obtained:

$$Cd = LUX \times DISTANCE^2$$

$$LUX = \frac{Cd}{DISTANCE^2}$$

For example 10.000 Cd = 10.000 LUX at 1 m. = 100 LUX at 10 m.

- The degree of brightness from a **continuous light** beacon is given by the power of the bulb. The brightness can be increased by using a Fresnel lens.

The flashing light can be obtained in three ways:

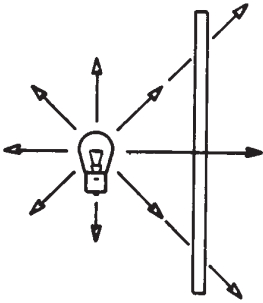
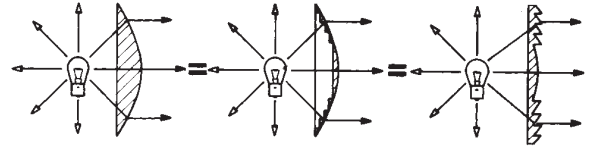
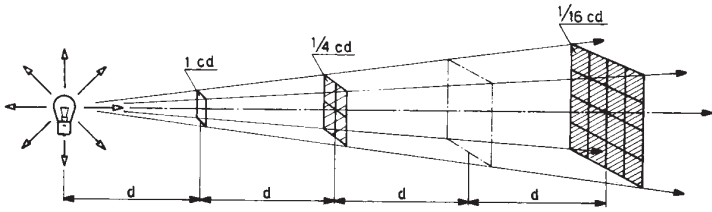
- by the on/off cycle of the filament bulb
- through periodic rotation of a parabolic mirror around the axis of a continuously lit bulb
- through the flash of a xenon discharge tube.

Flashing beacons generally take more time to light up the bulb and give a lower degree of brightness. The efficiency of the signal is due to the fact that when the bulb is lit, the whole surface of the beacon is illuminated giving light at 360°.

Rotating beacons have a greater degree of brightness, however, the light intensity at each point of observation is reduced as each point is illuminated only when the mirror rotates in its direction.

Xenon beacons, on the contrary, allow maximum brightness due to the fact that the bulb takes less time to light up. Visibility at 360° is guaranteed and can also be increased by using a Fresnel lens.

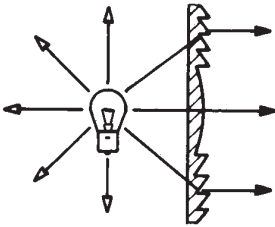
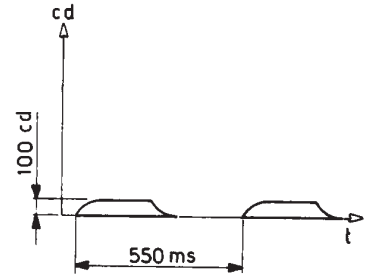
THE LIGHT



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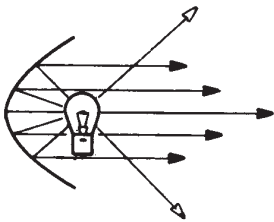
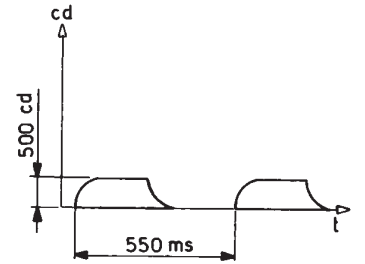
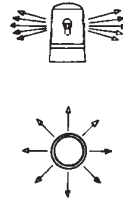
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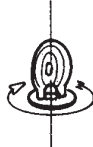
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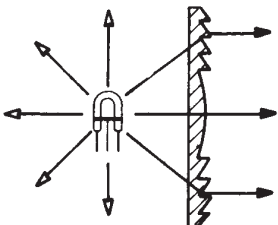
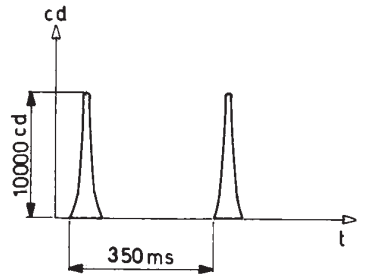
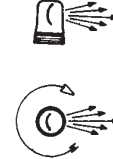
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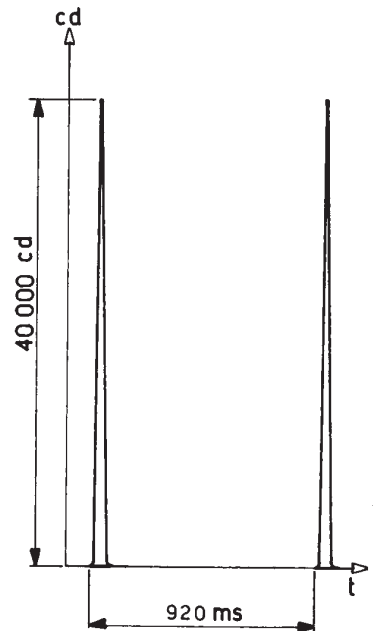
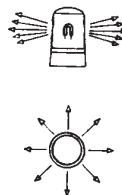
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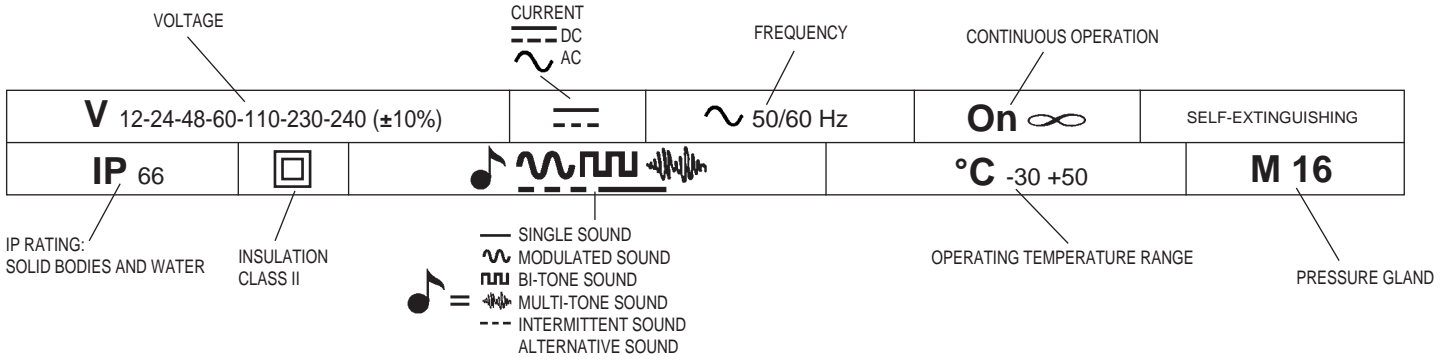


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LEGEND

ACOUSTIC RANGE: MAIN TECHNICAL AND FUNCTIONAL CHARACTERISTICS OF THE PRODUCTS



CODIFICATION: e.g. SCTBA24D

- D = direct current
- A = alternating current
- DA = direct and alternating current
- AT = high voltage
- SL = sound - light
- A = with acoustics
- BA = low consumption
- R = flush mounting

FCL = supplied with bulb

TECHNICAL INFORMATION REGARDING THE MOST IMPORTANT FUNCTIONAL AND ELECTRICAL CHARACTERISTICS

DIRECT CURRENT VOLTAGE	V \equiv	12	24
ALTERNATING CURRENT VOLTAGE	V \sim	12	24
CURRENT CONSUMPTION	A	0.8	0.5
	dB(A)1m	94	98
	Hz	1150	1300
	On ∞		

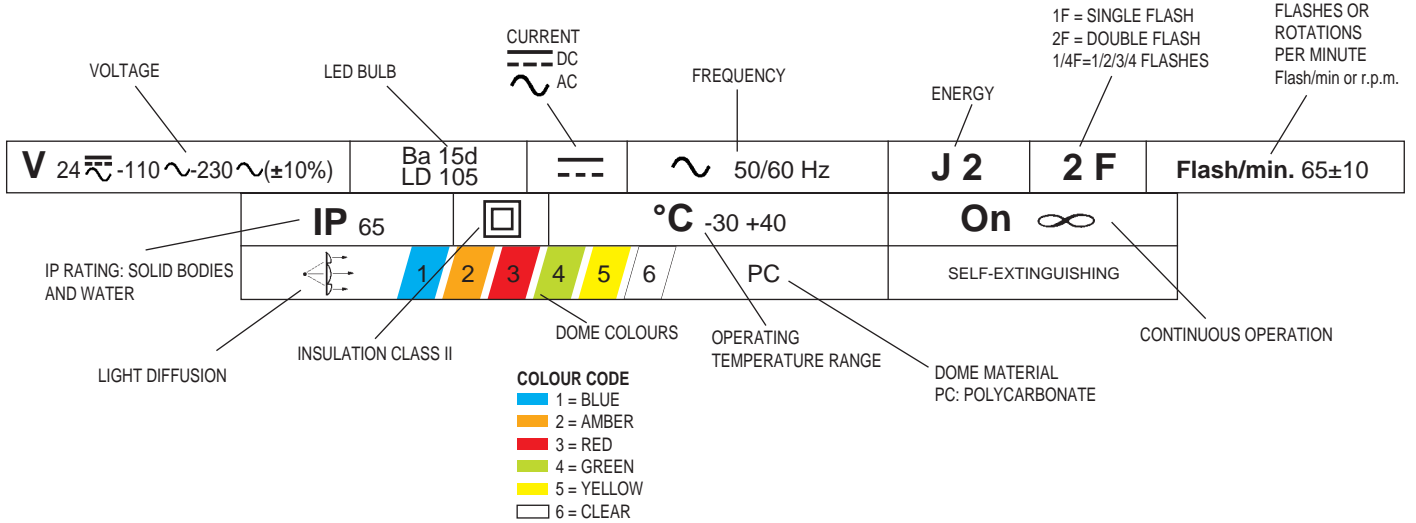
SOUND OUTPUT IN DECIBEL (A) MEASURED AT 1m

SOUND FREQUENCY IN HERTZ

OPERATING TYPE

A=Ampere
1mA=0,001A

LUMINOUS RANGE: MAIN TECHNICAL AND FUNCTIONAL CHARACTERISTICS OF THE PRODUCTS



CODIFICATION: e.g. MFNFMT12240DA1

- D = direct current
- A = alternating current
- DA = direct and alternating current
- 1F = single flash
- 2F = double flash
- 1/4F = 1/2/3/4 flashes
- DOME: L = smooth, R = engraved
- BASE: B = flat ISO DIN B1, N = flat, P = pole ISO C, AG = tubular, E = Edison, R = flush mounting
- AT = high voltage
- SL = sound - light
- L = flashing light
- F = continuous light
- X = xenon flashing light
- A = with acoustics
- L MT = multi voltage flashing beacon supplied without bulb 12÷48 V DC 24÷240 V AC
- F MT = multi voltage continuous light beacon supplied without bulb 12÷240 V DC/AC
- FCL = supplied with bulb

TECHNICAL INFORMATION REGARDING THE MOST IMPORTANT FUNCTIONAL AND ELECTRICAL CHARACTERISTICS

TYPE OF LUMINOUS SOURCE	DIRECT CURRENT VOLTAGE	ALTERNATING CURRENT VOLTAGE		
FILAMENT BULB	V \equiv	12	24	-
HALOGEN BULB	V \sim	-	-	-
XENON TUBE 1J	A	2,4	1,5	0,2
XENON TUBE 2J	Cd (p)	500	500	50
XENON TUBE 6J	dB(A)1m	85	85	85
XENON TUBE 15J	Hz 3600	-F/m 110 F/m 0		

BA 15d 25W

PEAK CANDELAS

SOUND FREQUENCY IN HERTZ

CURRENT CONSUMPTION: A=Ampere, 1mA=0,001A

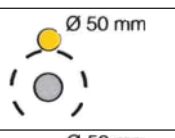
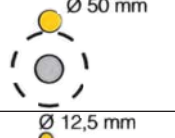
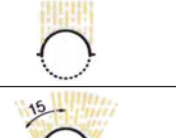
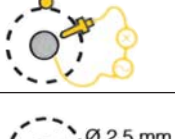

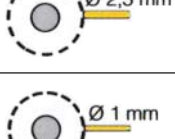

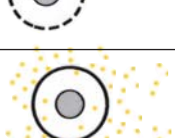
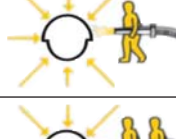

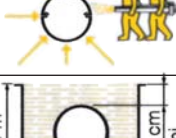

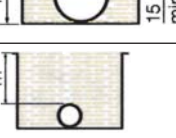

SOUND OUTPUT IN DECIBEL (A) MEASURED AT 1m

SOUND INTERMITTENCE FREQUENCY

EXTERNAL MATERIALS

- | | |
|--|---------------------------------------|
| 1. Base - ISO DIN B1: PC | 30. Bracket: Painted metal plate |
| 2. Base - ISO DIN B1: Aluminium | 31. Bracket: Painted steel |
| 3. Base - ISO DIN B1: PA | 32. Flange: PA |
| 4. Base - ISO DIN B1: PVC | 33. Flange: Painted metal plate |
| 5. Base: PVC | 34. Cap: Aluminium |
| 6. Base: PC | 35. Cap: ABS |
| 7. Tube mount: Aluminium | 36. Ring: PC |
| 8. Base: ABS | 37. Ring: Aluminium |
| 9. Base: Metal plate | 38. Bell: Painted steel |
| 10. 3/4" G threaded mount: Stainless steel | 39. Bell: Stainless steel |
| 11. Body: PC | 40. Stud mount |
| 12. Body: ABS | 41. Box: UP |
| 13. Body-base: PA | 42. Hammer: Aluminium |
| 14. Body: Aluminium | 43. Flexible Extension: Steel |
| 15. Container: PVC | 44. Extension: Stainless Steel |
| 16. Container: PA | 45. ISO DIN A mount: PA |
| 17. Grid: Zinc coated steel | 46. Bracket: PC |
| 18. Grid: Aluminium | 47. Body: PP |
| 19. Sound diffuser: ABS | 48. Rear covers: PP |
| 20. Directional sound diffuser: Aluminium | 49. Body, washer, ring: ABS |
| 21. Directional sound diffuser: ABS | 50. Base gasket: Forprene |
| 22. Sound diffuser: Aluminium | 51. Gasket for sound diffuser: NBR |
| 23. Sound diffuser: Painted metal plate | 52. Body: ASA |
| 24. Sound diffuser: PC | 53. Front and rear rubber parts: EPDM |
| 25. Light diffuser: Glass | 54. Handle: ABS |
| 26. Magnet mount: Metal plate | 55. Body: TPE |
| 27. ISO DIN A mount: Metal plate | 56. Suction pad: EPDM |
| 28. Bayonet mount: PC | 57. Magnet cover: PA |
| 29. Bracket: Zinc coated metal plate | |

DEGREE OF PROTECTION (EN 60529)

First digit: protection against accidental contact and penetration by solid foreign bodies			Second digit: protection against penetration of liquids		
IP			IP		
0		No particular protection	0		No particular protection
1		Protection against solid bodies over 50 mm and against contacts by large surfaces of the human body (e.g. the hands)	1		Protection against the vertical fall of drops of water (e.g. condensation)
2		Protection against solid bodies over 12,5 mm and against finger contact	2		Protection against the vertical fall of drops of water with a maximum incline of 15°
3		Protection against solid bodies over 2,5 mm (e.g. tools, wires)	3		Protection against the vertical fall of drops of water with a maximum incline of 60°
4		Protection against penetration of solid bodies with a diameter or thickness over 1 mm (e.g. wires)	4		Protection against splashes of water from all directions
5		Dust penetration is not fully excluded, but the quantity that penetrates causes no damaging effects	5		Protection against jets of water from all directions
6		No dust penetration is permitted	6		Protection against waves of water or powerful jets
			7		Protection against the effects of immersion
			8		Protection against the effects of prolonged immersion under pressure



INDUSTRIAL ELECTRIC MOTOR SIRENS

V 12-24-48-110-230-240 (±10%)		≡	~ 50/60 Hz	On: 1 min. Off: 10 min. (BA=On ∞)	
SELF-EXTINGUISHING	IP 43	□	♪	°C -30 +40	M 12

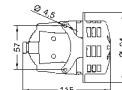
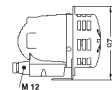


MINI CELERE MINI CELERE BA

MCL
MCL BA
⑪ ⑲ ⑳ ㉑

V ~	12	24	48	110	230	240
A	2.4	1.4	0.8	0.45	0.24	0.25
dB(A)1m	101	102	102	100	101	102
Hz	1400	1500	1500	1500	1600	1700
On: 1 min. Off: 10 min.						□

V ≡	12	24
A	1.3	0.55
dB(A)1m	97	100
Hz	1200	1300
On ∞		



Kg. 0,4
BA Kg. 0,3

MCL12DA	42000	MCLBA12D	42006
MCL24DA	42001	MCLBA24D	42007
MCL48DA	42002		
MCL110DA	42003		
MCL230DA	42004		
MCL240DA	42005		

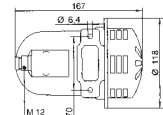


CELERE CELERE BA

CL
CL BA
⑪ ⑲ ⑳ ㉑

V ~	12	24	48	110	230	240
A	10.6	7.5	3.4	1.0	0.70	0.75
dB(A)1m	107	112	112	109	112	112
Hz	1150	1400	1450	1100	1400	1500
On: 1 min. Off: 10 min.						□

V ≡	12	24
A	2.5	1.3
dB(A)1m	103	103
Hz	950	950
On ∞		



Kg. 1,2
BA Kg. 0,6

CL12DA	42020	CLBA12D	42026
CL24DA	42021	CLBA24D	42027
CL48DA	42022		
CL110DA	42023		
CL230DA	42024		
CL240DA	42025		

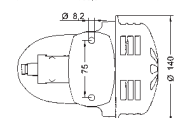
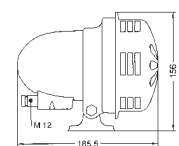


SUPER CELERE SUPER CELERE BA

SCL
SCL BA
⑪ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟

V ~	12	24	48	110	230	240
A	17.4	8.8	6.2	1.9	1.0	1.1
dB(A)1m	114	115	116	116	116	117
Hz	900	900	1000	1000	1000	1050
On: 1 min. Off: 10 min.						□

V ≡	12	24
A	9.5	5.0
dB(A)1m	114	114
Hz	820	820
On ∞		



Kg. 1,6
BA Kg. 1,5

SCL12DA	42040	SCLBA12D	42046
SCL24DA	42041	SCLBA24D	42047
SCL48DA	42042		
SCL110DA	42043		
SCL230DA	42044		
SCL240DA	42045		

Black option available on request
Thermal circuit breaker to protect the motor installed in versions 110V-230V-240V of types CL-SCL-CT-SCT



INDUSTRIAL ELECTRIC MOTOR SIRENS

V 12-24-48-110-230-240 (±10%)		≡	~ 50/60 Hz	On: 1 min. Off: 10 min. (BA=On ∞)	
SELF-EXTINGUISHING	IP 44	□	♪	°C -30 +40	M 16

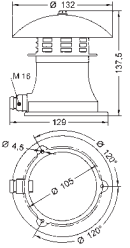


MINI CELEREST MINI CELEREST BA

MCT
MCT BA
⑫ ⑲ ③④

V ~	12	24	48	110	230	240
A	2.4	1.4	0.7	0.45	0.24	0.25
dB(A)1m	96	97	97	95	97	97
Hz	1400	1500	1650	1600	1700	1800
On: 1 min. Off: 10 min.						□

V ≡	12	24
A	1.3	0.55
dB(A)1m	92	95
Hz	1200	1300
On ∞		



Kg. 0,45 - BA Kg. 0,35

MCT12DA	42060	MCT110DA	42063	MCTBA12D	42066
MCT24DA	42061	MCT230DA	42064	MCTBA24D	42067
MCT48DA	42062	MCT240DA	42065		

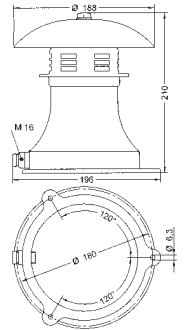


CELEREST CELEREST BA

CT
CT BA
⑫ ⑲ ③④

V ~	12	24	48	110	230	240
A	10.6	6.1	3.4	1.1	0.6	0.65
dB(A)1m	104	106	106	106	106	107
Hz	1150	1250	1350	1300	1300	1400
On: 1 min. Off: 10 min.						□

V ≡	12	24
A	3.2	1.7
dB(A)1m	100	100
Hz	950	950
On ∞		



Kg. 1,5 - BA Kg. 0,9

CT12DA	42080	CT110DA	42083	CTBA12D	42086
CT24DA	42081	CT230DA	42084	CTBA24D	42087
CT48DA	42082	CT240DA	42085		

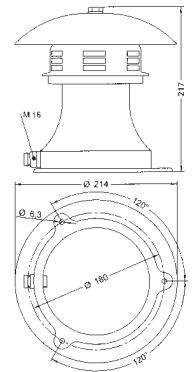


SUPER CELEREST SUPER CELEREST BA

SCT
SCT BA
⑫ ⑲ ③④

V ~	12	24	48	110	230	240
A	17.4	8.8	6.2	1.9	1.0	1.1
dB(A)1m	113	114	115	115	115	116
Hz	900	900	1000	1000	1000	1050
On: 1 min. Off: 10 min.						□

V ≡	12	24
A	9.5	5.0
dB(A)1m	113	113
Hz	820	820
On ∞		



Kg. 1,9 - BA Kg. 1,8

SCT12DA	42100	SCT110DA	42103	SCTBA12D	42106
SCT24DA	42101	SCT230DA	42104	SCTBA24D	42107
SCT48DA	42102	SCT240DA	42105		

Black option available on request

V 230-240-380 (±10%)	~ 50/60 Hz	On ∞	IP 44	♪	°C -30 +50	M 20
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CELERSON

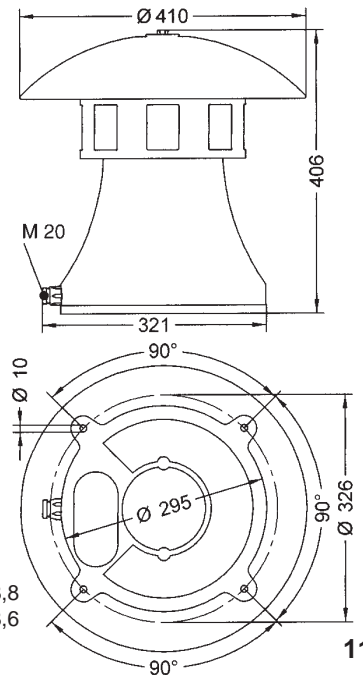
CN 1F
CN 3F
⑭ ⑳ ③④

V ~	230	240
A	2.0	2.4
dB(A)1m	112	112
Hz	380	390
On ∞		

V ~	380
A	1.0
dB(A)1m	112
Hz	390
On ∞	

CN1F230A	50350
CN1F240A	50349
CN3F230380A	50351

CN 1F Kg. 13,8
CN 3F Kg. 13,6





INDUSTRIAL ELECTRIC MOTOR SIRENS

V 12-24-110-230-240 (±10%)		==	~ 50/60 Hz	On ∞
SELF-EXTINGUISHING	IP 42			°C -30 +40

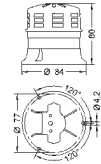


MICRO W10 N

MW10 N

11 19

V ==	12	24
V ~	12	24
A	0.8	0.5
dB(A)1m	94	98
Hz	1150	1300
On ∞		



Kg. 0,15

MWN12D	42200
MWN12A	42201
MWN24D	42202
MWN24A	42203

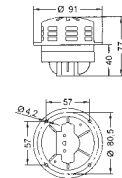


MICRO W10 R

MW10 R

11 19

V ==	12	24
A	0.8	0.5
dB(A)1m	94	98
Hz	1150	1300
On ∞		



Kg. 0,15

MWR12D	42208
MWR24D	42209

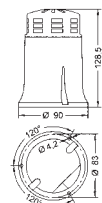


MICRO W10 AT

MW10 AT

11 19

V ~	110	230	240
mA	130	90	95
dB(A)1m	93	93	93
Hz	1000	1400	1450
On ∞			



Kg. 0,60

MWAT110A	42210
MWAT230A	42211
MWAT240A	42212



INDUSTRIAL ELECTRIC MOTOR SIRENS

V ₁₂₋₂₄₋₄₈ (±10%)		50/60 Hz	On: 1 min. Off: 10 min. (BA=On ∞)
SELF-EXTINGUISHING	IP 30		°C -30 +40

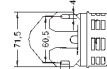
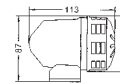


MINI MIDFON MINI MIDFON BA

MMD
MMD BA

Ⓜ Ⓟ

V	12	24	48
A	2.7	1.6	0.8
dB(A)1m	101	102	102
Hz	1400	1500	1500
On: 1 min. Off: 10 min.			



Kg. 0,4
BA Kg. 0,3

V	12	24
A	1.3	0.55
dB(A)1m	97	100
Hz	1200	1300
On ∞		

MMD12DA	50076
MMD24DA	50077
MMD48DA	50078
MMDBA12D	51151
MMDBA24D	51152

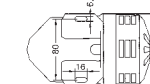
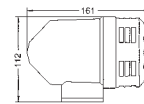


MIDFON MIDFON BA

MD
MD BA

Ⓜ Ⓟ

V	12	24	48
A	10.6	6.1	3.4
dB(A)1m	106	108	108
Hz	1150	1250	1350
On: 1 min. Off: 10 min.			



Kg. 1,15
BA Kg. 0,55

V	12	24
A	3.2	1.7
dB(A)1m	102	102
Hz	950	950
On ∞		

MD12DA	50090
MD24DA	50091
MD48DA	50092
MDBA12D	51301
MDBA24D	51302

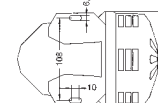
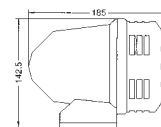


MAXIFON MAXIFON BA

MX
MX BA

Ⓜ Ⓟ

V	12	24	48
A	17.4	8.8	6.2
dB(A)1m	113	114	115
Hz	900	900	1000
On: 1 min. Off: 10 min.			



Kg. 1,50
BA Kg. 1,40

V	12	24
A	9.5	5
dB(A)1m	113	113
Hz	820	820
On ∞		

MX12DA	50300
MX24DA	50301
MX48DA	50302
MXBA12D	51450
MXBA24D	51451



ELECTRONIC SIRENS

CODIFICATION NEW ELECTRONIC SIRENS

- SE 12/30 MS 5
- SE 12/31 MS 5
- SE 12/41 MS 5
- SE 25/50 MS 5
- SE 25/51 MS 5
- SE 4/25 L PLC
- SE 4/29 MS 5
- SE 10/32 MS 5
- SE 10/32 MS 5 PLC
- SE 12/35 MS 32
- SE 12/36 MS 32
- SE PZ/35 MS 32
- SE PZ/36 MS 32

- SE = Electronic Siren
- 4 = 4W magneto-dynamic unit power
- 10 = 10W magneto-dynamic unit power
- 12 = 12W magneto-dynamic unit power
- 25 = 25W magneto-dynamic unit power
- PZ = piezoelectric unit
- L = single sound
- MS 5 = multi-sound – 5 tones
- MS 32 = multi-sound – 32 tones
- PLC = operation by means of a PLC

dB (A) 1m | Min. - Max.

The sound of the new electronic sirens is adjusted in two ways:












- volume level regulated in dB(A) from min. to max.
- sound progression regulated in time

INTERMITTENT	
SINGLE	
BI-TONE	
MULTI-TONE	
MODULATED	
EVACUATION (SA)	

	Sound Description	Sound Frequency
	Single	1000 Hz
	Bi-tone	600 / 700 Hz
	Multi-tone	1000÷1700 Hz
	Modulated	1000÷1700 Hz
	Evacuation	440 / 560 Hz
	Fast Bi-tone	800/970 Hz
	Fast Multi-tone	800÷970 Hz
	Slow Multi-tone	800÷970 Hz
	Single	2850 Hz
	Fast Multi-tone	2400÷2850 Hz
	Slow Multi-tone	2400÷2850 Hz
	Intermittent Multi-tone	500÷1200 Hz
	Descending Multi-tone	1200÷500 Hz
	Bi-tone	2400 / 2850 Hz
	Slow Intermittent	970 Hz
	Bi-tone	800 / 970 Hz
	Intermittent	970 Hz
	Intermittent	660 Hz
	Slow Intermittent	660 Hz
	Single	500 Hz
	Bi-tone	440 / 554 Hz
	Intermittent	660 Hz
	Fast Intermittent	2850 Hz
	Multi-tone (buzzer)	800÷970 Hz
	Multi-tone (buzzer)	2400÷2850 Hz
	Fast Intermittent	2850 Hz
	Single	300 Hz
	Bi-tone with pause	600 / 700 Hz
	Bi-tone with pause	1200 / 1700 Hz
	Bi-tone with pause	2400 / 2850 Hz
	Bi-tone	600 / 700 Hz
	Modulated	1400÷1600 Hz



	Sound Description	Sound Frequency
	Single	1000 Hz
	Bi-tone	600/700 Hz
	Multi-tone	1000÷1700 Hz
	Modulated	1000÷1700 Hz
	Evacuation (SA)	440/560 Hz

ELECTRONIC SIRENS

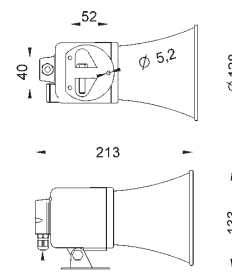
V 12÷24  -48  -110  -240  (±10%)				 50/60 Hz		On 	
SELF-EXTINGUISHING	IP 43 54					PC	°C -30 +50



SE 12/30 MS 5
SE1230MS5
(12) (21) (29)

V 	12÷24		
V 	12÷24		
mA	450	700	
dB(A)1m	Min 102 - Max 114		IP 43



SE1230MS51224DA 50405



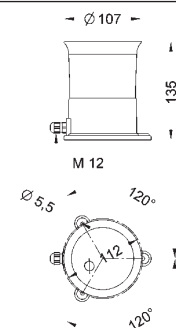
Kg. 1,00



SE 12/31 MS 5
SE1231MS5
(12) (21)

V 	12÷24		
V 	12÷24		
mA	500	750	
dB(A)1m	Min 97.5 - Max 110		IP 54



SE1231MS51224DA 50400



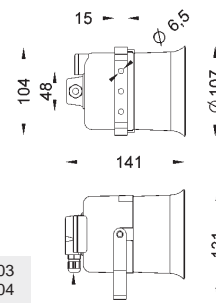
Kg. 1,10



SE 12/41 MS 5 *
SE1241MS5
(12) (21) (29)

V 	12÷24			-	-	-
V 	12÷24			48	110	240
mA	500	760	200	100	65	
dB(A)1m	Min 96.5 - Max 108					IP 43



SE1241MS51224DA 50401 SE1241MS5110A 50403
SE1241MS548A 50402 SE1241MS5240A 50404



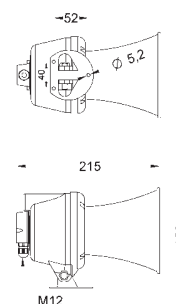
Kg. 1,10



SE 25/50 MS 5 *
SE2550MS5
(12) (21) (29)

V 	12÷24			-	-	-
V 	12÷24			48	110	240
A	0.83	1.35	0.47	0.22	0.1	
dB(A)1m	Min 106 - Max 116.5					IP 43



SE2550MS51224DA 50410 SE2550MS5110A 50412
SE2550MS548A 50411 SE2550MS5240A 50413



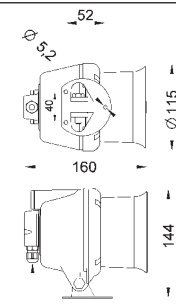
Kg. 1,40



SE 25/51 MS 5
SE2551MS5
(12) (21) (29)

V 	12÷24			-	-	-
V 	12÷24			48	110	240
A	0.95	1.6	0.6	0.3	0.15	
dB(A)1m	Min 100 - Max 110					IP 43

SE2551MS51224DA 50406 SE2551MS5110A 50408
SE2551MS548A 50407 SE2551MS5240A 50409



Kg. 1,40

* IP 54 versions available on request



ELECTRONIC SIRENS

V 12÷24 $\overline{\sim}$ -48 \sim -110 \sim -240 \sim ($\pm 10\%$)		==	~ 50/60 Hz	On ∞
SELF-EXTINGUISHING	IP 30			PC °C -30 +50

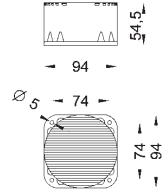


SE 4/25 L PLC
SE425LPLC

8

V $\overline{\sim}$	24		
mA	120		
dB(A)1m	93	IP 30	

SE425LPLC24D 50414



Kg. 0,30

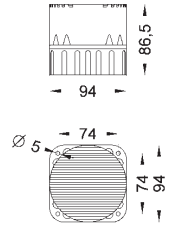


SE 4/29 MS 5
SE429MS5

8

V $\overline{\sim}$	12÷24	-	-	-
V \sim		48	110	240
mA	350 370	130	55	36
dB(A)1m	Min 86.5 - Max 97			IP 30

SE429MS51224DA 50415 SE429MS5110A 50417
SE429MS548A 50416 SE429MS5240A 50418



Kg. 0,60

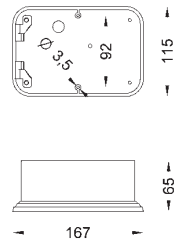


SE 10/32 MS 5
SE1032MS5

8

V $\overline{\sim}$	12÷24	-	-	-
V \sim		48	110	240
mA	370 400	120	55	25
dB(A)1m	Min 88.5 - Max 99.5			IP 30

SE1032MS51224DA 50419 SE1032MS5110A 50421
SE1032MS548A 50420 SE1032MS5240A 50422



Kg. 1,00

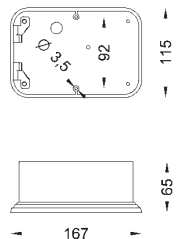


SE 10/32 MS 5 PLC
SE1032MS5PLC

8

V $\overline{\sim}$	24		
mA	370		
dB(A)1m	Min 93 - Max 96.5	IP 30	

SE1032MS5PLC24D 50423



Kg. 0,60



ELECTRONIC SIRENS

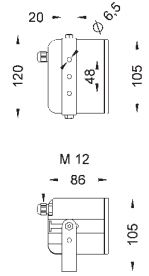
V 12÷24 $\overline{\sim}$ -48 \sim -110 \sim -240 \sim ($\pm 10\%$)		=		\sim 50/60 Hz		On ∞	
SELF-EXTINGUISHING	IP 43					PC	°C -30 +50



SE 12/35 MS 32
SE1235MS32
 (12) (21) (29)

V =	12÷24	
V ~		
mA	400	650
dB(A)1m	Min 102 - Max 114	IP 43

SE1235MS321224DA 50424



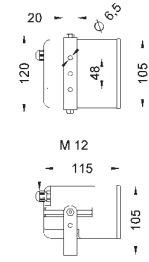
Kg. 0,70



SE 12/36 MS 32
SE1236MS32
 (12) (21) (29)

V =	-	-	-
V ~	48	110	240
mA	200	90	60
dB(A)1m	Min 108 - Max 113		IP 43

SE1236MS3248A 50425
 SE1236MS32110A 50426
 SE1236MS32240A 50427



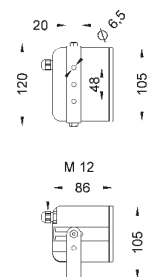
Kg. 1,00



SE PZ/35 MS 32
SEPZ35MS32
 (12) (21) (29)

V =	12÷24	
V ~		
mA	350	190
dB(A)1m	Min 99 - Max 106	IP 43

SEPZ35MS321224DA 50428



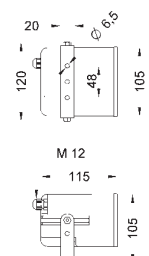
Kg. 0,40



SE PZ/36 MS 32
SEPZ36MS32
 (12) (21) (29)

V =	-	-	-
V ~	48	110	240
mA	80	35	15
dB(A)1m	Min 99 - Max 106		IP 43

SEPZ36MS3248A 50429
 SEPZ36MS32110A 50430
 SEPZ36MS32240A 50431



Kg. 0,50



BUZZERS FOR INDUSTRIAL APPLICATIONS

V 12-24-48-110-240 (±10%)		==		~ 50/60 Hz		On ∞	
SELF-EXTINGUISHING	IP 55				°C -30 +50		

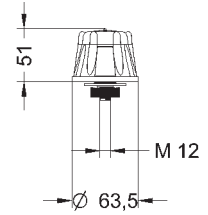


BIMF 5T 2B
BIMF 5T 2B

49 50

BIMF5T2B12240DA 38030

V	12 ÷ 24 ÷ 48 ÷ 110 ÷ 240				
V	12 ÷ 24 ÷ 48 ÷ 110 ÷ 240				
mA	25	12	12	10	13
dB(A)1m	85	85	85	85	85
Hz	2500±500				



Kg. 0,102

N°	1	2	Slow Intermittent Sound
ON			
OFF	X	X	

N°	1	2	Fast Intermittent Sound
ON	X		
OFF		X	

N°	1	2	Continuous Sound
ON		X	
OFF	X		

N°	1	2
ON	X	X
OFF		



R BIMF 5T 2B
R BIMF 5T 2B

49 50

RBIMF5T2B12240DA 38032

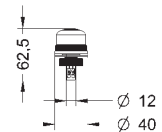
• Flush mounting with openings Ø 12 mm. Supplied with adapter for openings Ø 16 mm - Ø 22 mm



BEBIP
BEBIP

19 49

V	12	24	48	110	240
V				110	240
mA	10	10	10	3.5	7
dB(A)1m	82	82	82	82	82
Hz	4000±300				



Kg. 0,043

BEBIP12DA 38000	BEBIP110A 38004
BEBIP24DA 38001	BEBIP240D 38005
BEBIP48DA 38002	BEBIP240A 38006
BEBIP110D 38003	

• Flush mounting with openings Ø 12 mm. Supplied with adapter for openings Ø 16 mm - Ø 22 mm

Black option available on request

V 6-8-12-24-48-110-240 ($\pm 10\%$)	==	~ 50/60 Hz	On ∞
SELF-EXTINGUISHING	IP 43	♪ — — —	°C -30 +40



BABYSAI LD6

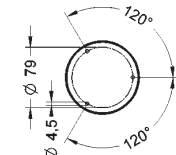
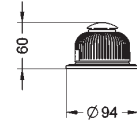
BABYSAI LD6

8 19 50 51

SINGLE SOUND

V ==	6	12	24	48
mA	100	55	65	30
dB(A)1m	90	93	90	93

V ~	6/8	12	24	48	110	240
mA	650	105	145	120	60	35
dB(A)1m	83	83	85	85	90	90



Kg. 0,144

BABYSAILD66D	37800	BABYSAILD612A	37805
BABYSAILD612D	37801	BABYSAILD624A	37806
BABYSAILD624D	37802	BABYSAILD648A	37807
BABYSAILD648D	37803	BABYSAILD6110A	37808
BABYSAILD66/8A	37804	BABYSAILD6240A	37809



R BABYSAI LD6

R BABYSAI LD6

8 19 50 51

RBABYSAILD66D	37820	RBABYSAILD612A	37825
RBABYSAILD612D	37821	RBABYSAILD624A	37826
RBABYSAILD624D	37822	RBABYSAILD648A	37827
RBABYSAILD648D	37823	RBABYSAILD6110A	37828
RBABYSAILD66/8A	37824	RBABYSAILD6240A	37829



BABYSAI LD6 PG16

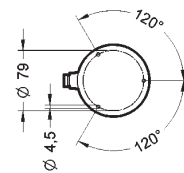
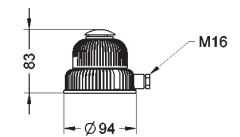
BABYSAI LD6 PG16

8 19 50 51

SINGLE SOUND

V ==	6	12	24	48
mA	100	55	65	30
dB(A)1m	90	93	90	93

V ~	6/8	12	24	48	110	240
mA	650	105	145	120	60	35
dB(A)1m	83	83	85	85	90	90



Kg. 0,181

BABYSAILD6PG166D	37830	BABYSAILD6PG1612A	37835
BABYSAILD6PG1612D	37831	BABYSAILD6PG1624A	37836
BABYSAILD6PG1624D	37832	BABYSAILD6PG1648A	37837
BABYSAILD6PG1648D	37833	BABYSAILD6PG16110A	37838
BABYSAILD6PG166/8A	37834	BABYSAILD6PG16240A	37839



R BABYSAI LD6 PG16

R BABYSAI LD6 PG16

8 19 50 51

RBABYSAILD6PG166D	37850	RBABYSAILD6PG1612A	37855
RBABYSAILD6PG1612D	37851	RBABYSAILD6PG1624A	37856
RBABYSAILD6PG1624D	37852	RBABYSAILD6PG1648A	37857
RBABYSAILD6PG1648D	37853	RBABYSAILD6PG16110A	37858
RBABYSAILD6PG166/8A	37854	RBABYSAILD6PG16240A	37859



BABYSAI LD6 PG16 SI

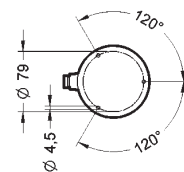
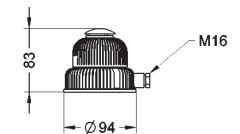
BABYSAI LD6 PG16 SI

8 19 50 51

INTERMITTENT SOUND

V ==	6	12	24	48
mA	100	55	65	30
dB(A)1m	90	93	90	93

V ~	6/8	12	24	48	110	240
mA	650	105	145	120	60	35
dB(A)1m	83	83	85	85	90	90



Kg. 0,215

BABYSAILD6PG16SI6D	37860	BABYSAILD6PG16SI12A	37865
BABYSAILD6PG16SI12D	37861	BABYSAILD6PG16SI24A	37866
BABYSAILD6PG16SI24D	37862	BABYSAILD6PG16SI48A	37867
BABYSAILD6PG16SI48D	37863	BABYSAILD6PG16SI110A	37868
BABYSAILD6PG16SI6/8A	37864	BABYSAILD6PG16SI240A	37869



R BABYSAI LD6 PG16 SI

R BABYSAI LD6 PG16 SI

8 19 50 51

RBABYSILD6PG16SI6D	37880	RBABYSILD6PG16SI12A	37885
RBABYSILD6PG16SI12D	37881	RBABYSILD6PG16SI24A	37886
RBABYSILD6PG16SI24D	37882	RBABYSILD6PG16SI48A	37887
RBABYSILD6PG16SI48D	37883	RBABYSILD6PG16SI110A	37888
RBABYSILD6PG16SI6/8A	37884	RBABYSILD6PG16SI240A	37889

INDUSTRIAL HORNS

V 12-24-48-110-230-240 (±10%)		~ 50/60 Hz		On ∞		SELF-EXTINGUISHING	
IP 65						Hz 300÷350	
						°C -30 +40	



M 16

MICROSAI

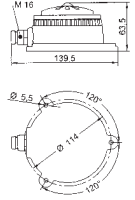
MS

⑪ ⑲

SINGLE SOUND

V ~	12	24	48	110	230	240
mA	830	415	210	90	45	42
dB(A)1m	95	95	95	95	95	95

MS12A	53002	MS110A	53008
MS24A	53003	MS230A	53012
MS48A	53005	MS240A	53015



Kg. 0,31



M 16

MICROSAI SI

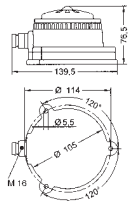
MS SI

⑪ ⑲

INTERMITTENT SOUND

V ~	12	24	48	110	230	240
mA	850	430	220	95	48	45
dB(A)1m	95	95	95	95	95	95

MSSI12A	53530	MSSI110A	53533
MSSI24A	53531	MSSI230A	53534
MSSI48A	53532	MSSI240A	53535



Kg. 0,38



M 16

MICROSAI SD

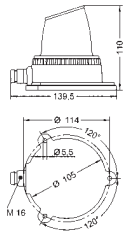
MS SD

⑪ ⑳

SINGLE SOUND

V ~	12	24	48	110	230	240
mA	830	415	210	90	45	42
dB(A)1m	95	95	95	95	95	95

MSSD12A	53050	MSSD110A	53054
MSSD24A	53051	MSSD230A	53055
MSSD48A	53053	MSSD240A	53057



Kg. 0,33



M 16

MICROSAI SD SI

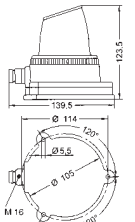
MS SD SI

⑪ ⑳

INTERMITTENT SOUND

V ~	12	24	48	110	230	240
mA	850	430	220	95	48	45
dB(A)1m	95	95	95	95	95	95

MSSDSI12A	53551	MSSDSI110A	53554
MSSDSI24A	53552	MSSDSI230A	53555
MSSDSI48A	53553	MSSDSI240A	53556



Kg. 0,39



⑪ ⑲

MICROSAI R

MS R

MICROSAI R SI

MS R SI

SINGLE SOUND

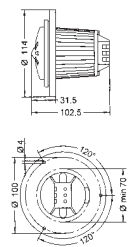
V ~	12	24	48	110	230	240
mA	830	415	210	90	45	42
dB(A)1m	95	95	95	95	95	95

MSR12A	53537	MSR110A	53540
MSR24A	53538	MSR230A	53541
MSR48A	53539	MSR240A	53542

INTERMITTENT SOUND

V ~	12	24	48	110	230	240
mA	850	430	220	95	48	45
dB(A)1m	95	95	95	95	95	95

MSRSI12A	53544	MSRSI110A	53547
MSRSI24A	53545	MSRSI230A	53548
MSRSI48A	53546	MSRSI240A	53549



Kg. 0,42



⑪ ⑳

MICROSAI SD R

MS SD R

MICROSAI SD R SI

MS SD R SI

SINGLE SOUND

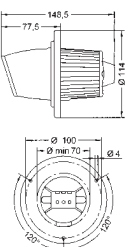
V ~	12	24	48	110	230	240
mA	830	415	210	90	45	42
dB(A)1m	95	95	95	95	95	95

MSSDR12A	53558	MSSDR110A	53561
MSSDR24A	53559	MSSDR230A	53562
MSSDR48A	53560	MSSDR240A	53563

INTERMITTENT SOUND

V ~	12	24	48	110	230	240
mA	850	430	220	95	48	45
dB(A)1m	95	95	95	95	95	95

MSSDRSI12A	53565	MSSDRSI110A	53568
MSSDRSI24A	53566	MSSDRSI230A	53569
MSSDRSI48A	53567	MSSDRSI240A	53570



Kg. 0,42

Black option available on request

INDUSTRIAL HORNS

V 12-24-48-110-230-240 (±10%)		==	~ 50/60 Hz	On ∞
SELF-EXTINGUISHING	IP 54	♪ — — —		°C -30 +40

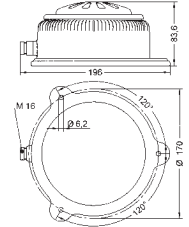


M 16

SAI
SAI
SAI SI
SAI SI
(11) (19)

V ==	12	24	48
A	1.7	0.9	0.45
dB(A)1m	110	110	110
Hz 600÷20000			

V ~	12	24	48	110	230	240
A	1.9	1.1	0.54	0.19	0.12	0.13
dB(A)1m	105	105	105	105	105	106
Hz 800÷15000						



Kg. 0,7

SAI12D	42250	SAI48A	42255	SAISI12D	42360	SAISI48A	42365
SAI12A	42251	SAI110A	42257	SAISI12A	42361	SAISI110A	42366
SAI24D	42252	SAI230A	42258	SAISI24D	42362	SAISI230A	42367
SAI24A	42253	SAI240A	42259	SAISI24A	42363	SAISI240A	42368
SAI48D	42254			SAISI48D	42364		

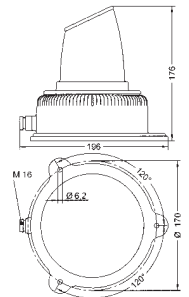


M 16

SAI SD
SAI SD
SAI SD SI
SAI SD SI
(11) (20)

V ==	12	24	48
A	1.7	0.9	0.45
dB(A)1m	110	110	110
Hz 600÷20000			

V ~	12	24	48	110	230	240
A	1.9	1.1	0.54	0.19	0.12	0.13
dB(A)1m	105	105	105	105	105	106
Hz 800÷15000						



Kg. 0,7

SAISD12D	42270	SAISD48A	42275	SAISDSI12D	42369	SAISDSI48A	42374
SAISD12A	42271	SAISD110A	42277	SAISDSI12A	42370	SAISDSI110A	42375
SAISD24D	42272	SAISD230A	42278	SAISDSI24D	42371	SAISDSI230A	42376
SAISD24A	42273	SAISD240A	42279	SAISDSI24A	42372	SAISDSI240A	42377
SAISD48D	42274			SAISDSI48D	42373		

Black option available on request

V 12-24-48-110-230-240 (±10%)		==	~ 50/60 Hz	On: 1 min. Off: 10 min.
SELF-EXTINGUISHING	IP 54	♪ — — —		°C -30 +50

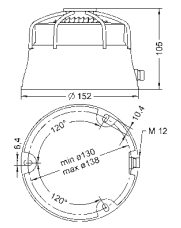


M 12

BLINDO SAI
BD S
BLINDO SAI M
MD BD S
(2) (17) (23)

V ==	12	24	48	110	230
A	2	1	0.5	0.22	0.11
dB(A)1m	107	107	107	107	107
Hz 800÷18000					♪ —

V ~	12	24	48	110	230	240
A	4	1.5	1.3	0.33	0.10	0.10
dB(A)1m	102	102	102	102	102	102
Hz 1000÷12000						♪ —



Kg. 1,1

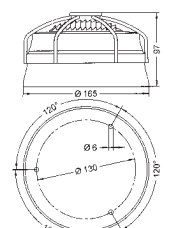
BDS12D	86510	BDS24A	86501	MDBDS110D	86524	BDS240D	86506
MDBDS12D	86525	MDBDS24A	86516	BDS110A	86503	BDS240A	86505
BDS12A	86500	BDS48D	86512	MDBDS110A	86527	MDBDS240A	86520
MDBDS12A	86515	BDS48A	86502	BDS230D	86514		
BDS24D	86511	MDBDS48A	86522	BDS230A	86504		
MDBDS24D	86526	BDS110D	86513	MDBDS230A	86528		



BLINDO MAXISAI
BD MXS
BLINDO MAXISAI M
MD BD MXS
(2) (17) (23)

V ==	12	24	48	110
A	2.5	1.2	0.5	0.25
dB(A)1m	110	110	110	110
Hz 600÷20000				♪ —

V ~	12	24	48	110	230	240
A	8.0	3.0	2.0	0.33	0.10	0.10
dB(A)1m	105	105	105	105	105	105
Hz 800÷15000						♪ —



Kg. 1,5

BDMXS12D	86535	BDMXS48D	86543	BDMXS230A	86534
MDBDMXS12D	86529	BDMXS48A	86544	MDBDMXS230A	86540
BDMXS24D	86537	MDBDMXS48A	86530	BDMXS240A	86536
MDBDMXS24D	86539	BDMXS110D	86531	MDBDMXS240A	86542
BDMXS24A	86523	BDMXS110A	86532		
MDBDMXS24A	86538	MDBDMXS110A	86541		



INDUSTRIAL HORNS

V 6-8-12-24-48-110-240 (±10%)		==	~ 50/60 Hz	♪ —	On ∞
IP 43		Hz (==) 650±50	Hz (~) 300÷7000	°C -30 +50	SELF-EXTINGUISHING



SEM
SEM

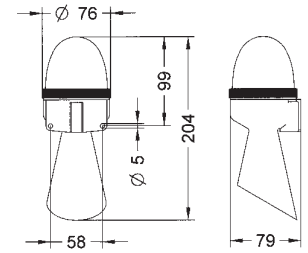
12

CONTINUOUS SOUND

V ==	6	12	24	48	110	240
mA	90	50	40	20	8.5	6.5
dB(A)1m	96	96	96	96	96	96
Hz	650±50					

V ~	6÷8	12	24	48	110	240
mA	470	110	140	115	55	30
dB(A)1m	92	92	92	92	92	92
Hz	300÷7000					

SEM6D	40300	SEM48D	40306
SEM6/8A	40301	SEM48A	40307
SEM12D	40302	SEM110D	40308
SEM12A	40303	SEM110A	40309
SEM24D	40304	SEM240D	40310
SEM24A	40305	SEM240A	40311



Kg. 0,25

V 6-8-12-24-48-110-240 (±10%)		==	~ 50/60 Hz	♪ —	On ∞
IP 30		Hz (==) 650±50	Hz (~) 300÷7000	°C -30 +50	SELF-EXTINGUISHING



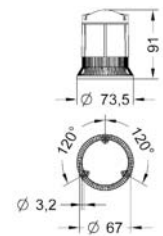
SHV
SHV

13



V ==	6	12	24	48	110	240
mA	110	55	45	35	25	15
dB(A)1m	84	84	84	84	84	84
Hz	650 ± 50					

V ~	6÷8	12	24	48	110	240
mA	600	110	140	115	60	40
dB(A)1m	86	86	86	86	86	86
Hz	300 ÷ 7000					

SHV6D	40751	SHV48D	40757
SHV6/8A	40752	SHV48A	40758
SHV12D	40753	SHV110D	40759
SHV12A	40754	SHV110A	40760
SHV24D	40755	SHV240D	40761
SHV24A	40756	SHV240A	40762



Kg. 0,16

V 12-24-48-60-110-230-240 (±10%)		≡		~ 50/60 Hz		On ∞	
SELF-EXTINGUISHING	IP 66				°C -30 +50	M 16	



SIAD 165 R
SD 165 R
SIADEL 165 R
SDL 165 R

32 38



SIAD 165 G
SD 165 G
SIADEL 165 G
SDL 165 G

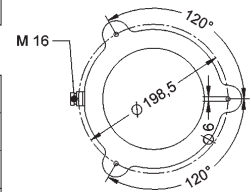
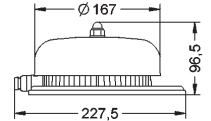
32 38

SIAD 165

V ~	12	24	48	60	110	230	240
mA	860	430	250	170	90	55	50
dB(A)1m	100	100	100	100	100	100	100
Hz 1500÷10000							

SIADEL 165

V ≡	12	24	48	60	110	230	240
mA	600	300	160	120	60	32	28
dB(A)1m	98	98	98	98	98	98	98
Hz 1500÷10000							



SIAD Kg. 1,7
SIADEL Kg. 1,8

SD165R12A	54200	SDL165R12D	54214	SD165G12A	54207	SDL165G12D	54221
SD165R24A	54201	SDL165R24D	54215	SD165G24A	54208	SDL165G24D	54222
SD165R48A	54202	SDL165R48D	54216	SD165G48A	54209	SDL165G48D	54223
SD165R60A	54203	SDL165R60D	54217	SD165G60A	54210	SDL165G60D	54224
SD165R110A	54204	SDL165R110D	54218	SD165G110A	54211	SDL165G110D	54225
SD165R230A	54205	SDL165R230D	54219	SD165G230A	54212	SDL165G230D	54226
SD165R240A	54206	SDL165R240D	54220	SD165G240A	54213	SDL165G240D	54227



SIAD 215 R
SD 215 R
SIADEL 215 R
SDL 215 R

32 38



SIAD 215 G
SD 215 G
SIADEL 215 G
SDL 215 G

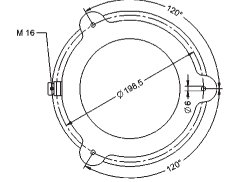
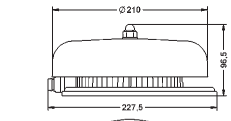
32 38

SIAD 215

V ~	12	24	48	60	110	230	240
mA	860	430	250	170	90	55	50
dB(A)1m	100	100	100	100	100	100	100
Hz 1000÷15000							

SIADEL 215

V ≡	12	24	48	60	110	230	240
mA	600	300	160	120	60	32	28
dB(A)1m	98	98	98	98	98	98	98
Hz 1000÷15000							



SIAD Kg. 2,1
SIADEL Kg. 2,2

SD215R12A	54228	SDL215R12D	54242	SD215G12A	54235	SDL215G12D	54249
SD215R24A	54229	SDL215R24D	54243	SD215G24A	54236	SDL215G24D	54250
SD215R48A	54230	SDL215R48D	54244	SD215G48A	54237	SDL215G48D	54251
SD215R60A	54231	SDL215R60D	54245	SD215G60A	54238	SDL215G60D	54252
SD215R110A	54232	SDL215R110D	54246	SD215G110A	54239	SDL215G110D	54253
SD215R230A	54233	SDL215R230D	54247	SD215G230A	54240	SDL215G230D	54254
SD215R240A	54234	SDL215R240D	54248	SD215G240A	54241	SDL215G240D	54255



SIAD 265 R
SD 265 R
SIADEL 265 R
SDL 265 R

32 38



SIAD 265 G
SD 265 G
SIADEL 265 G
SDL 265 G

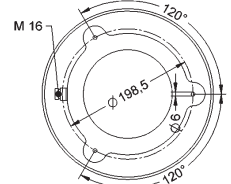
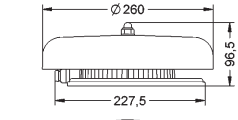
32 38

SIAD 265

V ~	12	24	48	60	110	230	240
mA	860	430	250	170	90	55	50
dB(A)1m	100	100	100	100	100	100	100
Hz 800÷18000							

SIADEL 265

V ≡	12	24	48	60	110	230	240
mA	600	300	160	120	60	32	28
dB(A)1m	98	98	98	98	98	98	98
Hz 800÷18000							



SIAD Kg. 2,6
SIADEL Kg. 2,7

SD265R12A	54256	SDL265R12D	54270	SD265G12A	54263	SDL265G12D	54277
SD265R24A	54257	SDL265R24D	54271	SD265G24A	54264	SDL265G24D	54278
SD265R48A	54258	SDL265R48D	54272	SD265G48A	54265	SDL265G48D	54279
SD265R60A	54259	SDL265R60D	54273	SD265G60A	54266	SDL265G60D	54280
SD265R110A	54260	SDL265R110D	54274	SD265G110A	54267	SDL265G110D	54281
SD265R230A	54261	SDL265R230D	54275	SD265G230A	54268	SDL265G230D	54282
SD265R240A	54262	SDL265R240D	54276	SD265G240A	54269	SDL265G240D	54283



INDUSTRIAL BELLS

V 12-24-48-60-110-230-240 (±10%)			==	~ 50 Hz	*~ 60 Hz	On ∞
SELF-EXTINGUISHING	IP 66			°C -30 +50		M 16

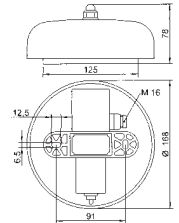


CEAD 165 R
CD 165 R
CEADEL 165 R
CDL 165 R

32 38

CEAD 165

V ~	12	24	48	60	110	230	240
mA	860	430	250	170	90	55	50
dB(A)1m	100	100	100	100	100	100	100
Hz 2000÷12000							



CEAD Kg. 1,35
 CEADEL Kg. 1,0



CEAD 165 G
CD 165 G
CEADEL 165 G
CDL 165 G

32 38

CEADEL 165

V ==	12	24	48	60	110	230	240
mA	600	300	160	120	60	32	28
dB(A)1m	98	98	98	98	98	98	98
Hz 2000÷12000							

CEAD165R12A	■	54090	CEAD165G12A	■	54070
CEAD165R24A	■	54091	CEAD165G24A	■	54071
CEAD165R48A	■	54092	CEAD165G48A	■	54072
CEAD165R110A	■	54094	CEAD165G110A	■	54074
CEAD165R230A	■	54095	CEAD165G230A	■	54075
CEAD165R240A	■	54096	CEAD165G240A	■	54076
CDL165R12D	■	54097	CDL165G12D	■	54080
CDL165R24D	■	54098	CDL165G24D	■	54081
CDL165R48D	■	54099	CDL165G48D	■	54082
CDL165R60D	■	54100	CDL165G60D	■	54083
CDL165R110D	■	54101	CDL165G110D	■	54084
CDL165R230D	■	54102	CDL165G230D	■	54085
			CDL165G240D	■	54087

* 60 Hz on request



WATERPROOF INDUSTRIAL BELL

V 12-24-48-60-110-230-240 (±10%)			==	~ 50/60 Hz	On ∞
SELF-EXTINGUISHING	IP 66			°C -30 +50	
					M 16



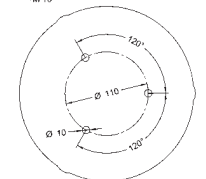
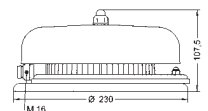
**STAINLESS
 STEEL**

SIAD 215 NAVE
ST SD 215 N
SIADEL 215 NAVE
ST SDL 215 N

33 39

SIAD 215 NAVE

V ~	12	24	48	60	110	230	240
mA	860	430	250	170	90	55	50
dB(A)1m	100	100	100	100	100	100	100
Hz 1000÷15000							



SIAD NAVE Kg. 2,7
 SIADEL NAVE Kg. 2,8

SIADEL 215 NAVE

V ==	12	24	48	60	110	230	240
mA	600	300	160	120	60	32	28
dB(A)1m	98	98	98	98	98	98	98
Hz 1000÷15000							

STSD215N12A	91960	STSDL215N12D	91967
STSD215N24A	91961	STSDL215N24D	91968
STSD215N48A	91962	STSDL215N48D	91969
STSD215N60A	91963	STSDL215N60D	91970
STSD215N110A	91964	STSDL215N110D	91971
STSD215N230A	91965	STSDL215N230D	91972
STSD215N240A	91966	STSDL215N240D	91973



ELECTRONIC SIRENS FOR PREALARM AND EVACUATION WARNING

V 230/240 (±10%)	~ 50/60 Hz	On ∞	SELF-EXTINGUISHING
IP 65			°C -20 +50

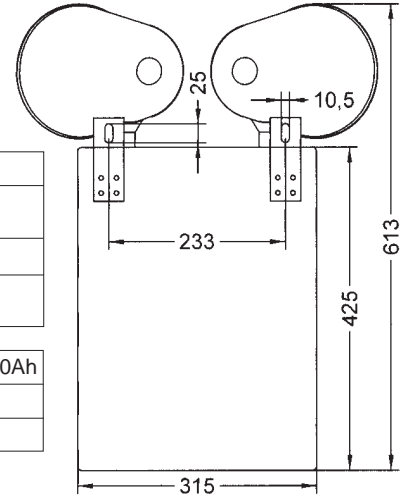


SEO 2 SEV
SEO2SEV
SEO 2 SEV / M AA
SEO2SEMAA

22 41

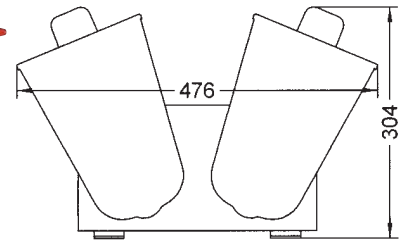
SEO 2 SEV
SEO 2 SEV / M AA

V ~	230/240
mA SEO 2 SEV SEO 2 SEV / M AA	580 80
dB (A) 1m	123
Hz	490 ÷ 610 610
SEO 2 SEV / M AA	
Battery (no. 2/6V 10 Ah)	NiPb 12V 10Ah
Life	24 months
Duration	100 min.



FIRLARM
IN CASE
OF PREALARM

FIRLARM
IN CASE
OF EVACUATION



SEO 2 SEV Kg. 15 ~
SEO 2 SEV / M AA Kg. 19 ~

SEO2SEV230240A 56039 SEO2SEVMAA230240A 55940

- Version supplied with:
- LED bars BL for function control
 - remote control for alarm test
 - FIRLARM break glass switches

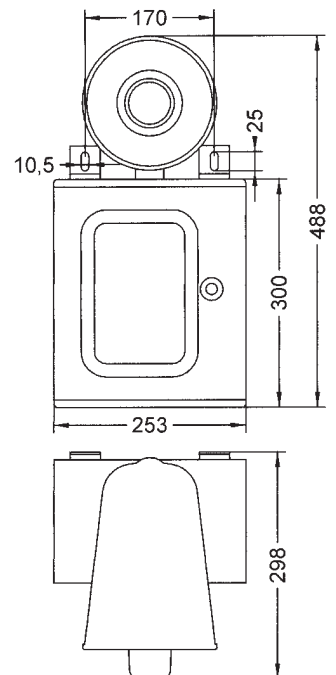


SEO 1 SEV
SEO1SEV
SEO 1 SEV / M AA
SEO1SEVMAA

22 41

SEO 1 SEV
SEO 1 SEV / M AA

V ~	230/240
mA SEO 1 SEV SEO 1 SEV / M AA	300 80
dB (A) 1m	117
Hz	490 ÷ 610 610
SEO 1 SEV / M AA	
Battery	NiPb 12V 7Ah
Life	24 months
Duration	120 min.



FIRLARM
IN CASE
OF PREALARM

FIRLARM
IN CASE
OF EVACUATION

SEO 1 SEV Kg. 11 ~
SEO 1 SEV / M AA Kg. 12 ~

SEO1SEV230240A 56037 SEO1SEVMAA230240A 55938

- Version supplied with:
- LED bars BL for function control
 - remote control for alarm test
 - FIRLARM break glass switches



ELECTRONIC SIRENS FOR PREALARM AND EVACUATION WARNING

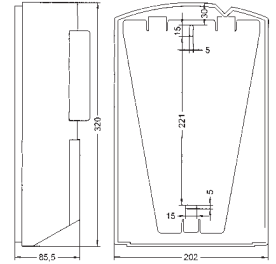
V 230/240 (±10%)	~ 50/60 Hz	On ∞	SELF-EXTINGUISHING
IP 40	♪	---	°C -20 +50



SEL 1 SEV
SEL1SEV
SEL 1 SEV / M AA
SEL1SEVMAA

14

SEL 1 SEV	
SEL 1 SEV / M AA	
V ~	230/240
mA SEL 1 SEV SEL 1 SEV / M AA	80 50
dB (A) 1m	94 ▲ 103
Hz ♪	490 ÷ 610 610
SEL 1 SEV / M AA	
Battery	NiPb 12V 1.2Ah
Life	24 months
Duration	85 min.



SEL 1 SEV Kg. 4 ~
 SEL 1 SEV / M AA Kg. 4,5 ~



FIRLARM
 IN CASE
 OF PREALARM

FIRLARM
 IN CASE
 OF EVACUATION

SEL1SEV230240A 56035 SEL1SEVMAA230240A 55936

Version supplied with:

- LED bars BL for function control
- remote control for alarm test
- FIRLARM break glass switches



BATTERY OPERATED STROBOSCOPIC BEACON FOR EVACUATION WARNING

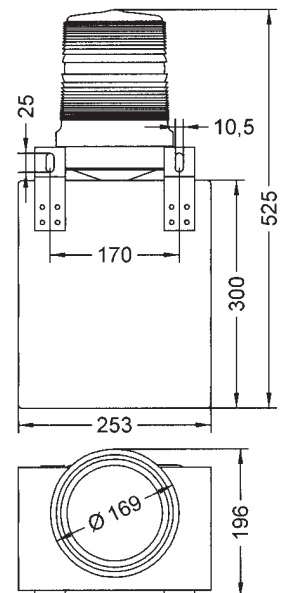
V 230/240 (±10%)	~ 50/60 Hz	J 20	2 F	IP 65	
°C -20 +50	On ∞		PC METHACRYLATE	SELF-EXTINGUISHING	



STROBO 1 SEV AA
STROBO1SEVAA

2 33 41

STROBO 1 SEV AA		
 XENON 20J LRX 15J	V ~	230/240
	mA	80
	Cd (p)	32000/6000 38000
	Fl (min)	2 x 65 ± 10
Battery	NiPb 12V 7Ah	
Life	24 months	
Duration	120 min.	



Version supplied with:

- LED bars BL for function control
- remote control for alarm test

STROBO1SEVAA230240A1 56041
 STROBO1SEVAA230240A2 56042
 STROBO1SEVAA230240A3 56043
 STROBO1SEVAA230240A4 56044
 STROBO1SEVAA230240A5 56045
 STROBO1SEVAA230240A6 56046

Kg. 10 ~



ELECTRONIC SIRENS FOR PREALARM AND EVACUATION WARNING

V 230/240 (±10%)	~ 50/60 Hz	On ∞	SELF-EXTINGUISHING
IP 65			°C -20 +50



BX 65 2 SEV
BX652SEV
BX 65 2 SEV AA
BX652SEVAA

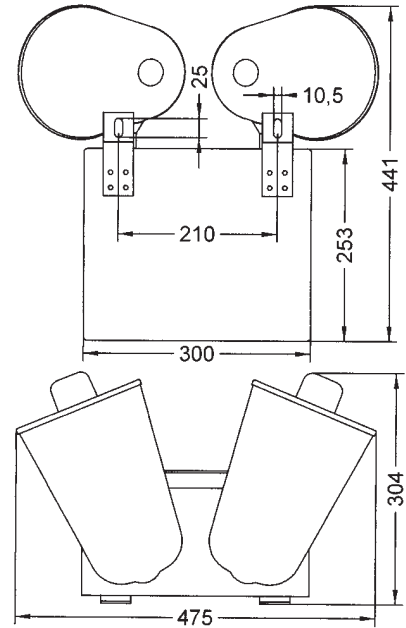
22 41

BX 65 2 SEV
BX 65 2 SEV AA

V ~	230/240
mA BX 65 2 SEV BX 65 2 SEV AA	580 80
dB (A) 1m	123
Hz	490 ÷ 610 610

BX 65 2 SEV AA

Battery	NiPb 12V 7Ah
Life	24 months
Duration	60 min.



BX 65 2 SEV Kg. 13 ~
 BX 65 2 SEV AA Kg. 14 ~

BX652SEV230240A 56051 BX652SEVAA230240A 56050



BX 65 1 SEV
BX651SEV
BX 65 1 SEV AA
BX651SEVAA

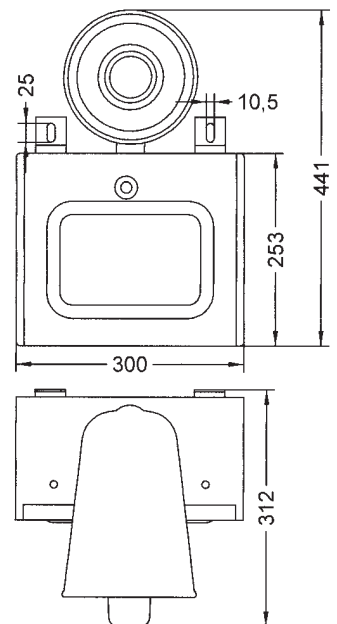
22 41

BX 65 1 SEV
BX 65 1 SEV AA

V ~	230/240
mA BX 65 1 SEV BX 65 1 SEV AA	300 80
dB (A) 1m	117
Hz	490 ÷ 610 610

BX 65 1 SEV AA

Battery	NiPb 12V 7Ah
Life	24 months
Duration	120 min.



BX 65 1 SEV Kg. 10 ~
 BX 65 1 SEV AA Kg. 11 ~

BX651SEV230240A 56053 BX651SEVAA230240A 56052

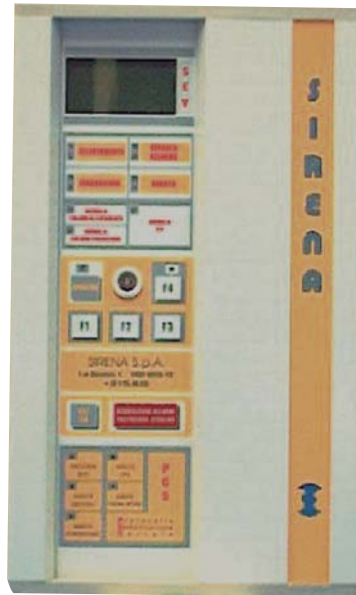
SEV RANGE SERIAL LINE PCS



SEO 2 SEV AA PCS



SEO 1 SEV AA PCS



COMMAND CENTRE
SEV PCS



FIRLARM PCS
EVACUATION



FIRLARM PCS
WARNING



STROBO 1 SEV AA PCS



MANNED CONTROL
BOX PCS



SEL 1 SEV AA PCS



LINE SEPARATOR



PCS REMOTE DISPLAY



ROTATING BEACONS

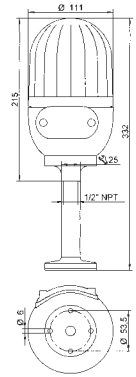
V 12 - 24 - 48 - 110 - 230 (±10%)		50/60 Hz	r.p.m. 160±30	IP 65
	°C -30 +60	On ∞	1 2 3 4 5 6	PC SELF-EXTINGUISHING



**BABYROT
BABYR**

⑥

 BA9s 10W LR BA 9S 10W	V	-	24	-	-	-
	V	12	48	110	230	
	mA	820	280	140	73	
	Cd (p)	300	280	200	120	



Kg. 0,75

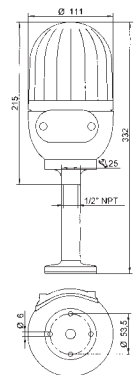
BABYR12A1	26530	BABYR48A4	26549
BABYR12A2	26531	BABYR48A5	26550
BABYR12A3	26532	BABYR48A6	26551
BABYR12A4	26533	BABYR110A1	26554
BABYR12A5	26534	BABYR110A2	26555
BABYR12A6	26535	BABYR110A3	26556
BABYR24DA1	26538	BABYR110A4	26557
BABYR24DA2	26539	BABYR110A5	26558
BABYR24DA3	26540	BABYR110A6	26559
BABYR24DA4	26541	BABYR230A1	26562
BABYR24DA5	26542	BABYR230A2	26563
BABYR24DA6	26543	BABYR230A3	26564
BABYR48A1	26546	BABYR230A4	26565
BABYR48A2	26547	BABYR230A5	26566
BABYR48A3	26548	BABYR230A6	26567



**BABYROT H
BABYRH
BABYRHTOR**

⑥

 Ba9s H-20W LR Ba 9S H-20W	V	24	-	-
	V		110	230
	A	1.2	0.2	0.1
	Cd (p)	2000	2000	2000



Kg. 0,97

BABYRH24DA1	26501	BABYRHTOR110A4	26511
BABYRH24DA2	26502	BABYRHTOR110A5	26512
BABYRH24DA3	26503	BABYRHTOR110A6	26513
BABYRH24DA4	26504	BABYRHTOR230A1	26515
BABYRH24DA5	26505	BABYRHTOR230A2	26516
BABYRH24DA6	26506	BABYRHTOR230A3	26517
BABYRHTOR110A1	26508	BABYRHTOR230A4	26518
BABYRHTOR110A2	26509	BABYRHTOR230A5	26519
BABYRHTOR110A3	26510	BABYRHTOR230A6	26520

ROTATING BEACONS

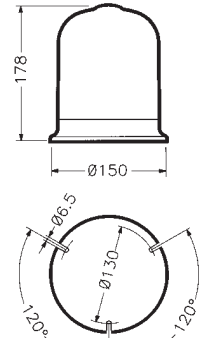
V 24 -110 -240 ($\pm 10\%$)			~ 50/60 Hz			r.p.m. 160 \pm 30			IP 44		
	°C -30 +50	On ∞		1	2	3	4	5	6	PMMA	SELF-EXTINGUISHING



GF 931
GF931
⑬

 BA 15dT 25W LR BA 15dT 25W	V ~	24	110	240
	A	1.1	0.22	0.11
	Cd (p)	3000	400	400

GF931B24A1	24451	GF931B110A4	24464
GF931B24A2	24452	GF931B110A5	24465
GF931B24A3	24453	GF931B110A6	24466
GF931B24A4	24454	GF931B240A1	24471
GF931B24A5	24455	GF931B240A2	24472
GF931B24A6	24456	GF931B240A3	24473
GF931B110A1	24461	GF931B240A4	24474
GF931B110A2	24462	GF931B240A5	24475
GF931B110A3	24463	GF931B240A6	24476



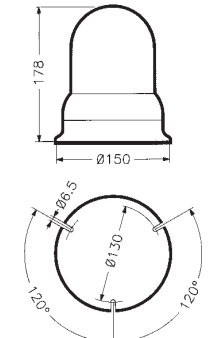
Kg. 0.50



LR 932
LR 932
⑬

 BA 15dT 25W LR BA 15dT 25W	V ~	24	110	240
	A	1.1	0.22	0.11
	Cd (p)	3000	400	400

LR932B24A1	24421	LR932B110A4	24434
LR932B24A2	24422	LR932B110A5	24435
LR932B24A3	24423	LR932B110A6	24436
LR932B24A4	24424	LR932B240A1	24441
LR932B24A5	24425	LR932B240A2	24442
LR932B24A6	24426	LR932B240A3	24443
LR932B110A1	24431	LR932B240A4	24444
LR932B110A2	24432	LR932B240A5	24445
LR932B110A3	24433	LR932B240A6	24446



Kg. 0.48

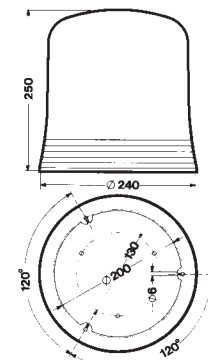
V 12 -24 -48 -110 -230 -240 ($\pm 10\%$)			== 50/60 Hz			r.p.m. 160 \pm 30			IP 54		
	°C -30 +50	On ∞		1	2	3	4	5	6	PMMA	SELF-EXTINGUISHING



B2 L
B2L
⑬

 BA 15s 45W == LR BA 15s 45W E 14 25W ~ LR E 14T 25W	V ==	12	24	48	-	-	-
	V ~	12	24	-	48	110	230/240
	A	4	2.1	1	0.75	0.3	0.15
	Cd (p)	6500	6500	6500	600	600	400

B2L12D2	69202	B2L48D2	69242
B2L12D3	69203	B2L48D3	69243
B2L12D4	69204	B2L48D4	69244
B2L12A2	69212	B2L48A2	69252
B2L12A3	69213	B2L48A3	69253
B2L12A4	69214	B2L48A4	69254
B2L24D2	69222	B2L110A2	69262
B2L24D3	69223	B2L110A3	69263
B2L24D4	69224	B2L110A4	69264
B2L24A2	69232	B2L240A2	69272
B2L24A3	69233	B2L240A3	69273
B2L24A4	69234	B2L240A4	69274



Kg. 1.60



B2 R
B2R
⑬

B2R12D2	69282	B2R48D2	69322
B2R12D3	69283	B2R48D3	69323
B2R12D4	69284	B2R48D4	69324
B2R12A2	69292	B2R48A2	69332
B2R12A3	69293	B2R48A3	69333
B2R12A4	69294	B2R48A4	69334
B2R24D2	69302	B2R110A2	69342
B2R24D3	69303	B2R110A3	69343
B2R24D4	69304	B2R110A4	69344
B2R24A2	69312	B2R240A2	69352
B2R24A3	69313	B2R240A3	69353
B2R24A4	69314	B2R240A4	69354

ROTATING BEACONS

V ¹²⁻²⁴⁻⁴⁸⁻¹¹⁰⁻²³⁰⁻²⁴⁰ (±10%) H1: 12-24	≡	~ 50/60 Hz	r.p.m. 160±30	IP 54
°C -30 +50	On ∞	M 16	1 2 3 4 5 6 / PC	SELF-EXTINGUISHING

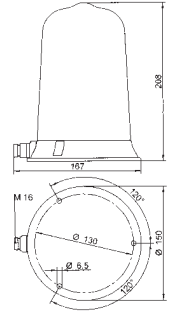


ROTALLARM P B L
RAP B L
RAP B L H



 BA 15s 45W ≡ LR BA 15s 45W E 14 25W ~ LR E 14T 25W	V ≡	12	24	48	-	-	-	-
	V ~	12	24	-	48	110	230	240
	A	4	2.1	1	0.74	0.31	0.15	0.15
	Cd (p)	6500	6500	6500	600	400	400	400

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ≡	12	24
	V ~	12	24
	A	4.8	3.1
	Cd (p)	10000	10000



Kg. 0,56



ROTALLARM P B R
RAP B R
RAP B R H



RAPBL12D1	63001	RAPBL48D2	63026	RAPBL240A3	63051	RAPBLH24A5	63076
RAPBL12D2	63002	RAPBL48D3	63027	RAPBL240A4	63052	RAPBLH24A6	63077
RAPBL12D3	63003	RAPBL48D4	63028	RAPBL240A5	63053	RAPBR12D2	63078
RAPBL12D4	63004	RAPBL48D5	63029	RAPBL240A6	63054	RAPBR12D5	63079
RAPBL12D5	63005	RAPBL48D6	63030	RAPBLH12D1	63055	RAPBR24D1	63080
RAPBL12D6	63006	RAPBL48A1	63031	RAPBLH12D2	63056	RAPBR24D2	63081
RAPBL12A1	63007	RAPBL48A2	63032	RAPBLH12D3	63057	RAPBR24D3	63082
RAPBL12A2	63008	RAPBL48A3	63033	RAPBLH12D4	63058	RAPBR24D5	63083
RAPBL12A3	63009	RAPBL48A4	63034	RAPBLH12D5	63059	RAPBR24D6	63084
RAPBL12A4	63010	RAPBL48A5	63035	RAPBLH12D6	63060	RAPBR24A1	63085
RAPBL12A5	63011	RAPBL48A6	63036	RAPBLH12A1	63061	RAPBR24A2	63086
RAPBL12A6	63012	RAPBL110A1	63037	RAPBLH12A2	63062	RAPBR24A3	63087
RAPBL24D1	63013	RAPBL110A2	63038	RAPBLH12A3	63063	RAPBR48D3	63088
RAPBL24D2	63014	RAPBL110A3	63039	RAPBLH12A5	63064	RAPBR48D5	63089
RAPBL24D3	63015	RAPBL110A4	63040	RAPBLH12A6	63065	RAPBR110A2	63090
RAPBL24D4	63016	RAPBL110A5	63041	RAPBLH24D1	63066	RAPBR110A3	63091
RAPBL24D5	63017	RAPBL110A6	63042	RAPBLH24D2	63067	RAPBR110A5	63092
RAPBL24D6	63018	RAPBL230A1	63043	RAPBLH24D3	63068	RAPBR230A1	63093
RAPBL24A1	63019	RAPBL230A2	63044	RAPBLH24D4	63069	RAPBR230A2	63094
RAPBL24A2	63020	RAPBL230A3	63045	RAPBLH24D5	63070	RAPBR230A3	63095
RAPBL24A3	63021	RAPBL230A4	63046	RAPBLH24D6	63071	RAPBR230A4	63096
RAPBL24A4	63022	RAPBL230A5	63047	RAPBLH24A1	63072	RAPBR230A5	63097
RAPBL24A5	63023	RAPBL230A6	63048	RAPBLH24A2	63073	RAPBR230A6	63098
RAPBL24A6	63024	RAPBL240A1	63049	RAPBLH24A3	63074	RAPBR240A2	63099
RAPBL48D1	63025	RAPBL240A2	63050	RAPBLH24A4	63075	RAPBR240A3	63100

Black option available on request

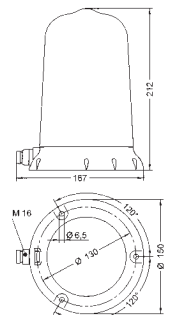


ROTALLARM AL B L
RA AL B L
RA AL B L H



 BA 15s 45W ≡ LR BA 15s 45W E 14 25W ~ LR E 14T 25W	V ≡	12	24	48	-	-	-	-
	V ~	12	24	-	48	110	230	240
	A	4	2.1	1	0.74	0.31	0.15	0.15
	Cd (p)	6500	6500	6500	600	400	400	400

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ≡	12	24
	V ~	12	24
	A	4.8	3.1
	Cd (p)	10000	10000



Kg. 1,0



ROTALLARM AL B R
RA AL B R
RA AL B R H



RAALBL12D1	82201	RAALBL24A3	82218	RAALBL230A1	82236	RAALBLH12A3	82258
RAALBL12D2	82200	RAALBL24A4	82219	RAALBL230A2	82235	RAALBLH12A4	82259
RAALBL12D3	82203	RAALBL24A5	82275	RAALBL230A3	82238	RAALBLH12A6	82257
RAALBL12D4	82204	RAALBL24A6	82217	RAALBL230A4	82239	RAALBLH24D1	82261
RAALBL12D5	82270	RAALBL48D1	82246	RAALBL230A5	82249	RAALBLH24D2	82260
RAALBL12D6	82202	RAALBL48D2	82245	RAALBL230A6	82237	RAALBLH24D3	82263
RAALBL12A1	82206	RAALBL48D3	82290	RAALBL240A1	82241	RAALBLH24D4	82264
RAALBL12A2	82205	RAALBL48D5	82248	RAALBL240A2	82240	RAALBLH24D5	82273
RAALBL12A3	82208	RAALBL48D6	82289	RAALBL240A3	82243	RAALBLH24D6	82262
RAALBL12A5	82277	RAALBL48A1	82220	RAALBL240A4	82244	RAALBLH24A1	82266
RAALBL12A6	82207	RAALBL48A2	82280	RAALBL240A5	82274	RAALBLH24A2	82265
RAALBL24D1	82211	RAALBL48A3	82281	RAALBL240A6	82242	RAALBLH24A3	82268
RAALBL24D2	82210	RAALBL48A5	82282	RAALBLH12D1	82251	RAALBLH24A4	82269
RAALBL24D3	82213	RAALBL110A1	82226	RAALBLH12D2	82250	RAALBLH24A5	82272
RAALBL24D4	82214	RAALBL110A2	82225	RAALBLH12D3	82253	RAALBLH24A6	82267
RAALBL24D5	82271	RAALBL110A3	82228	RAALBLH12D4	82254	RAALBR24D2	82385
RAALBL24D6	82212	RAALBL110A4	82229	RAALBLH12D5	82256	RAALBR24D3	82386
RAALBL24A1	82216	RAALBL110A5	82247	RAALBLH12D6	82252	RAALBR230A3	82190
RAALBL24A2	82215	RAALBL110A6	82227	RAALBLH12A1	82255		



ROTATING BEACONS

V 12-24-48-110-230-240 (±10%)		≡	~ 50/60 Hz	r.p.m. 160±30				IP 54		
°C -30 +50	On ∞		1	2	3	4	5	6	PC	SELF-EXTINGUISHING



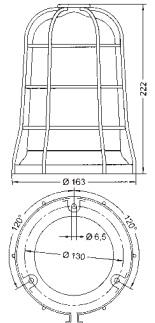
BLINDO ROTALLARM AL B1

BD RA AL B
BD RA AL B H

(2) (17)

 BA 15s 45W ≡ LR BA 15s 45W E 14 25W ~ LR E 14T 25W	V ≡	12	24	48	-	-	-	-
	V ~	12	24	-	48	110	230	240
	A	4	2.1	1	0.74	0.31	0.15	0.15
	Cd (p)	6500	6500	6500	600	400	400	400

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ≡	12	24
	V ~	12	24
	A	4.8	3.1
	Cd (p)	10000	10000



Kg. 1,4

BDRAALB12D1	86461	BDRAALB230A2	86485
BDRAALB12D2	86460	BDRAALB230A3	86488
BDRAALB12D3	86463	BDRAALB230A4	86489
BDRAALB12D5	86462	BDRAALB230A5	86498
BDRAALB12A2	86465	BDRAALB230A6	86468
BDRAALB24D1	86474	BDRAALB240A1	86487
BDRAALB24D2	86470	BDRAALB240A2	86490
BDRAALB24D3	86473	BDRAALB240A3	86467
BDRAALB24D4	86472	BDRAALB240A4	86469
BDRAALB24D5	86496	BDRAALB240A5	86637
BDRAALB24A1	86476	BDRAALB240A6	86638
BDRAALB24A2	86475	BDRAALBH12D1	86601
BDRAALB24A3	86478	BDRAALBH12D2	86600
BDRAALB24A4	86484	BDRAALBH12D3	86602
BDRAALB24A5	86479	BDRAALBH12D4	86603
BDRAALB48D2	86491	BDRAALBH12D5	86634
BDRAALB48D3	86494	BDRAALBH12D6	86604
BDRAALB48D5	86492	BDRAALBH24D1	86632
BDRAALB48A2	86499	BDRAALBH24D2	86610
BDRAALB48A3	86466	BDRAALBH24D3	86630
BDRAALB48A5	86497	BDRAALBH24D4	86631
BDRAALB110A1	86481	BDRAALBH24D5	86633
BDRAALB110A2	86480	BDRAALBH24D6	86609
BDRAALB110A3	86483	BDRAALBH24A2	86615
BDRAALB110A5	86495		
BDRAALB230A1	86482		



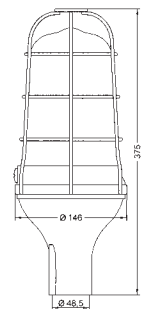
BLINDO ROTALLARM P AG

BD RA P AG
BD RA P AG H

(6) (7) (17)

 BA 15s 45W ≡ LR BA 15s 45W E 14 25W ~ LR E 14T 25W	V ≡	12	24	48	-	-	-	-
	V ~	12	24	-	48	110	230	240
	A	4	2.1	1	0.74	0.31	0.15	0.15
	Cd (p)	6500	6500	6500	600	400	400	400

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ≡	12	24
	V ~	12	24
	A	4.8	3.1
	Cd (p)	10000	10000



Kg. 1,7

BDRAPAG12D2	86650	BDRAPAG230A3	86677
BDRAPAG12D3	86651	BDRAPAG230A5	86676
BDRAPAG12D5	86661	BDRAPAG240A1	86682
BDRAPAG24D2	86660	BDRAPAG240A2	86680
BDRAPAG24D3	86663	BDRAPAG240A3	86679
BDRAPAG24D4	86664	BDRAPAG240A4	86681
BDRAPAG24D5	86662	BDRAPAG240A5	86683
BDRAPAG24A2	86659	BDRAPAG240A6	86684
BDRAPAG24A3	86658	BDRAPAGH24D1	86696
BDRAPAG24A5	86657	BDRAPAGH24D2	86698
BDRAPAG110A1	86673	BDRAPAGH24D3	86699
BDRAPAG110A2	86670	BDRAPAGH24D4	86700
BDRAPAG110A3	86671	BDRAPAGH24D5	86701
BDRAPAG110A5	86672	BDRAPAGH24D6	86697
BDRAPAG230A2	86675		

ROTATING BEACONS

V 12-24-48-110-230-240 (±10%)		==	~ 50/60 Hz	r.p.m. 160±30		IP 67	
°C -30 +50	On ∞		1 2 3 4 5 6		PC	SELF-EXTINGUISHING	

WATERPROOF BEACON



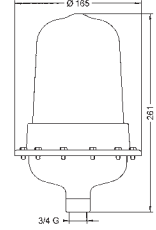
ROTALLARM STAGNO

ST RA
ST RA H

⑩

 BA 15s 45W == LR BA 15s 45W ~ E 14 25W ~ LR E 14T 25W	V ==	12	24	48	-	-	-	-
	V ~	12	24	-	48	110	230	240
	A	4	2.1	1	0.74	0.31	0.15	0.15
	Cd (p)	6500	6500	6500	600	400	400	400

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ==	12	24
	V ~	12	24
	A	4.8	3.1
	Cd (p)	10000	10000



Kg. 1,8

STAINLESS
STEEL

STRA12D2	90010	STRA230A2	90208
STRA24D1	90017	STRA230A3	90206
STRA24D2	90016	STRA230A4	90207
STRA24D3	90014	STRA230A5	90209
STRA24D5	90015	STRA240A2	90203
STRA24A2	90019	STRA240A3	90205
STRA24A3	90023	STRA240A5	90204
STRA48D2	90024	STRAH12D1	90047
STRA48A2	90018	STRAH12D2	90048
STRA48A3	90022	STRAH12D5	90049
STRA110A2	90025	STRAH24D1	90053
STRA110A3	90026	STRAH24D2	90050
STRA110A5	90021	STRAH24D3	90052
STRA230A1	90210	STRAH24D5	90051

V 12 (14.5)	Recharging voltage	==	IP 54		°C -10 +40	
(Batt.: 12 V - 7 Ah)			1 2 3 4 5 6		PC	SELF-EXTINGUISHING

BATTERY OPERATED BEACON

SUPPLIED WITHOUT BATTERY

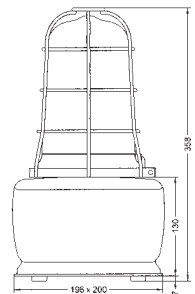


ROTALLARM A

A RA

⑥

 BA 15s 21W LR BA 15s 21W	V ==	12
	A	1.9
	Cd (p)	5000
	On: 2 h	
r.p.m. 160 ± 30		



Kg. 2,72

ARA12D1	89802
ARA12D2	89800
ARA12D3	89803
ARA12D5	89801



ROTATING BEACONS

V 110-230-240 (±10%)		~ 50/60 Hz		r.p.m. 160±30		IP 55	
	°C -30 +50	On ∞		1 2 3 4 5 6	PC	SELF-EXTINGUISHING	

HIGH VOLTAGE ROTATING BEACONS WITH TOROIDAL TRANSFORMER FOR H1 BULB

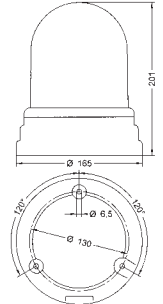


AT/A8 H1
ATA8 H

③

 H1 12V 55W LR H 55W 12	V ~	110	230	240
	A	0.5	0.25	0.22
	Cd (p)	10000	10000	10000

ATA8H110A2	47002	ATA8H240A1	47021
ATA8H230A1	47011	ATA8H240A2	47022
ATA8H230A2	47012	ATA8H240A3	47023
ATA8H230A3	47013	ATA8H240A4	47024
ATA8H230A4	47014	ATA8H240A5	47025
ATA8H230A5	47015	ATA8H240A6	47026



Kg. 1,45

Black option available on request

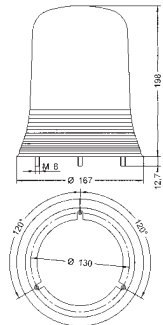


AT/R5 H1
ATR5 H

④

 H1 12V 55W LR H 55W 12	V ~	110	230	240
	A	0.5	0.25	0.22
	Cd (p)	10000	10000	10000

ATR5H110A1	82970	ATR5H230A4	82974
ATR5H110A2	82971	ATR5H230A5	82980
ATR5H110A3	82972	ATR5H230A6	82985
ATR5H110A4	82973	ATR5H240A1	82990
ATR5H110A5	82983	ATR5H240A2	82991
ATR5H110A6	82975	ATR5H240A3	82992
ATR5H230A1	82984	ATR5H240A4	82993
ATR5H230A2	82981	ATR5H240A5	82994
ATR5H230A3	82982	ATR5H240A6	82995



Kg. 1,5

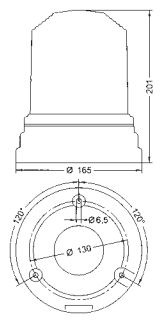


AT/F6 H1
ATF6 H

③

 H1 12V 55W LR H 55W 12	V ~	110	230	240
	A	0.5	0.25	0.22
	Cd (p)	10000	10000	10000

ATF6H110A1	49001	ATF6H230A4	49014
ATF6H110A2	49002	ATF6H230A5	49015
ATF6H110A3	49003	ATF6H230A6	49016
ATF6H110A4	49004	ATF6H240A1	49021
ATF6H110A5	49005	ATF6H240A2	49022
ATF6H110A6	49006	ATF6H240A3	49023
ATF6H230A1	49011	ATF6H240A4	49024
ATF6H230A2	49012	ATF6H240A5	49025
ATF6H230A3	49013	ATF6H240A6	49026



Kg. 1,45

Black option available on request

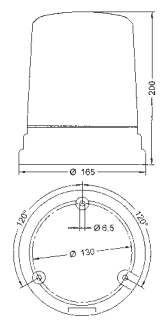


AT/M7 H1
ATM7 H

③

 H1 12V 55W LR H 55W 12	V ~	110	230	240
	A	0.5	0.25	0.22
	Cd (p)	10000	10000	10000

ATM7H110A1	49031	ATM7H230A4	49044
ATM7H110A2	49032	ATM7H230A5	49045
ATM7H110A3	49033	ATM7H230A6	49046
ATM7H110A4	49034	ATM7H240A1	49051
ATM7H110A5	49035	ATM7H240A2	49052
ATM7H110A6	49036	ATM7H240A3	49053
ATM7H230A1	49041	ATM7H240A4	49054
ATM7H230A2	49042	ATM7H240A5	49055
ATM7H230A3	49043	ATM7H240A6	49056



Kg. 1,45

Black option available on request

ROTATING BEACONS

V 12-24-48-110-230-240 (±10%)		≡	~ 50/60 Hz	r.p.m. 160±30			IP 55				
°C -30 +50	On ∞	M 20		1	2	3	4	5	6	PC	SELF-EXTINGUISHING

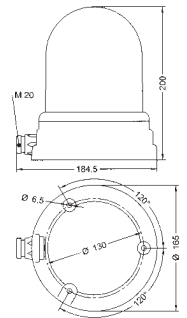


PG/R/AGR
PGRAGR
PGRAGRH

③

	V ≡	12	24	48	-	-	-	-
	V ~	12	24	-	48	110	230	240
BA 15s 45W ≡ LR BA 15s 45W E 14 25W ~	A	4	2.1	1	0.74	0.31	0.15	0.15
	Cd (p)	6500	6500	6500	600	400	400	400

	V ≡	12	24
	V ~	12	24
H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	A	4.8	3.1
	Cd (p)	10000	10000



Kg. 0,96

PGRAGR12D2	47122	PGRAGR48A5	47165	PGRAGRH12D3	47173
PGRAGR12D5	47125	PGRAGR110A2	47442	PGRAGRH12D5	47175
PGRAGR24D1	47131	PGRAGR110A3	47443	PGRAGRH24D1	47181
PGRAGR24D2	47132	PGRAGR110A5	47445	PGRAGRH24D2	47182
PGRAGR24D3	47133	PGRAGR230A2	47452	PGRAGRH24D3	47183
PGRAGR24D4	47134	PGRAGR230A3	47453	PGRAGRH24D4	47184
PGRAGR24D5	47135	PGRAGR230A4	47454	PGRAGRH24D5	47185
PGRAGR24A1	47141	PGRAGR230A5	47455	PGRAGRH24D6	47186
PGRAGR24A2	47142	PGRAGR240A1	47461	PGRAGRH24A1	47191
PGRAGR24A3	47143	PGRAGR240A2	47462	PGRAGRH24A2	47192
PGRAGR24A4	47144	PGRAGR240A3	47463	PGRAGRH24A3	47193
PGRAGR24A5	47145	PGRAGR240A4	47464	PGRAGRH24A4	47194
PGRAGR48D5	47155	PGRAGR240A5	47465	PGRAGRH24A5	47195
PGRAGR48A2	47162	PGRAGR240A6	47466	PGRAGRH24A6	47196
PGRAGR48A3	47163	PGRAGRH12D2	47172		

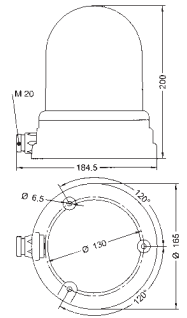


PG/TOR/AGR
PGTORAGRH

③

	V ~	110	230	240
	A	0.5	0.25	0.22
	Cd (p)	10000	10000	10000

H1 12V 55W
LR H 55W 12



Kg. 1,45

PGTORAGRH110A2	47212	PGTORAGRH230A5	47225
PGTORAGRH110A3	47213	PGTORAGRH230A6	47226
PGTORAGRH110A5	47215	PGTORAGRH240A1	47231
PGTORAGRH110A6	47216	PGTORAGRH240A2	47232
PGTORAGRH230A1	47221	PGTORAGRH240A3	47233
PGTORAGRH230A2	47222	PGTORAGRH240A4	47234
PGTORAGRH230A3	47223	PGTORAGRH240A5	47235
PGTORAGRH230A4	47224	PGTORAGRH240A6	47236

Black option available on request

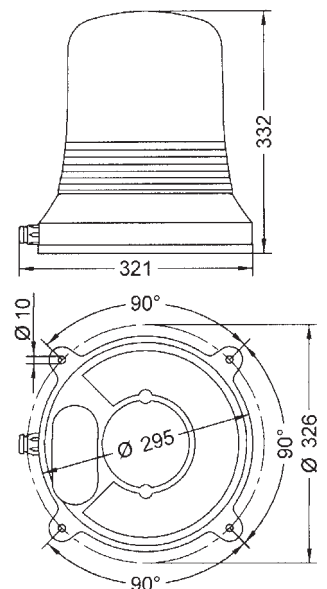
V 12-24-110-230-240 (±10%)		≡	~ 50/60 Hz	r.p.m. 160±30			IP 54			
°C -30 +50	On ∞	M 20		1	2	3	4	5	6	METHACRYLATE



ROTOLUX H
RTL H

⑤ ⑭

	V ≡	12	24	-	-	-
	V ~	12	24	110	230	240
H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	A	4.6	2.8	0.5	0.25	0.22
	Cd (p)	8500	8500	8500	8500	8500





Kg. 3,9

RTLH12D2	26081	RTLH110A4	26095
RTLH12D3	26082	RTLH110A6	26097
RTLH24D2	26087	RTLH230A2	26099
RTLH24D3	26088	RTLH230A3	26100
RTLH24A5	26167	RTLH230A5	26102
RTLH110A2	26093	RTLH240A2	26105
RTLH110A3	26094	RTLH240A3	26106




FLASHING BEACONS

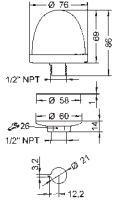
V 12÷48 --- -24÷240 \sim ($\pm 10\%$)		Ba15d 5W-10W LD $\frac{105}{115}$ $\frac{145}{145}$ F		---	\sim 50/60 Hz	Flash/min. 110 \pm 20	
IP 65	\square	°C -30 +50	On ∞			PC	SELF-EXTINGUISHING



OVOLUX L MT
OVOLMT *

⑬

 BA 15d 5W LR BA 15d 5W	V ---	12 ÷ 24 ÷ 48	-	-	-		
	V \sim	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240				
	mA	430	210	100	35	21	22
	Cd (p)	4	3	3	2,5	2,5	2,5
BA 15d 10W LR BA 15d 10W	mA	830	420	210	90	45	42
	Cd (p)	6,5	4,5	4,8	3,7	3,8	3,8



Kg. 0,15


OVOLMT1248D1	30051	OVOLMT24240A1	30091
OVOLMT1248D2	30052	OVOLMT24240A2	30092
OVOLMT1248D3	30053	OVOLMT24240A3	30093
OVOLMT1248D4	30054	OVOLMT24240A4	30094
OVOLMT1248D5	30055	OVOLMT24240A5	30095
OVOLMT1248D6	30056	OVOLMT24240A6	30096

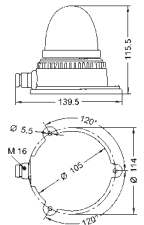


OVOLUX PG9 L MT
OVOPG9LMT *

⑬

M 16

 BA 15d 5W LR BA 15d 5W	V ---	12 ÷ 24 ÷ 48	-	-	-		
	V \sim	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240				
	mA	430	210	100	35	21	22
	Cd (p)	4	3	3	2,5	2,5	2,5
BA 15d 10W LR BA 15d 10W	mA	830	420	210	90	45	42
	Cd (p)	6,5	4,5	4,8	3,7	3,8	3,8




Kg. 0,24

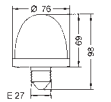
OVOPG9LMT1248D1	30071	OVOPG9LMT24240A1	30111
OVOPG9LMT1248D2	30072	OVOPG9LMT24240A2	30112
OVOPG9LMT1248D3	30073	OVOPG9LMT24240A3	30113
OVOPG9LMT1248D4	30074	OVOPG9LMT24240A4	30114
OVOPG9LMT1248D5	30075	OVOPG9LMT24240A5	30115
OVOPG9LMT1248D6	30076	OVOPG9LMT24240A6	30116



OVOLUX E L MT
OVOELMT *

⑬

 BA 15d 5W LR BA 15d 5W	V ---	12 ÷ 24 ÷ 48	-	-	-		
	V \sim	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240				
	mA	430	210	100	35	21	22
	Cd (p)	4	3	3	2,5	2,5	2,5
BA 15d 10W LR BA 15d 10W	mA	830	420	210	90	45	42
	Cd (p)	6,5	4,5	4,8	3,7	3,8	3,8



Kg. 0,10

OVOELMT1248D1	31421	OVOELMT24240A1	31351
OVOELMT1248D2	31422	OVOELMT24240A2	31352
OVOELMT1248D3	31423	OVOELMT24240A3	31353
OVOELMT1248D4	31424	OVOELMT24240A4	31354
OVOELMT1248D5	31425	OVOELMT24240A5	31355
OVOELMT1248D6	31426	OVOELMT24240A6	31356

APPLICATION SYSTEMS



For the part nos. see page 93
 Black option available on request
 * Supplied without bulb



FLASHING (AND CONTINUOUS LIGHT) BEACONS

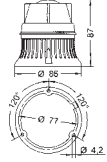
$V_{12 \div 48} \text{ --- } -24 \div 240 \sim (\pm 10\%)$		Ba15d LD ¹⁰³ ₁₀₅ ¹⁴³ F-145 F		---		\sim 50/60 Hz		Flash/min. 110±20	
IP 54		°C -30 +50		On ∞		1 2 3 4 5 / 6		PC	SELF-EXTINGUISHING



MICROLAMP L MT
ML L MT *

⑬

	$V \text{ ---}$	12 ÷ 24 ÷ 48		-	-	-	
	$V \sim$	-		24 ÷ 48 ÷ 110 ÷ 230 ÷ 240			
BA 15d 5W LR BA 15d 5W	mA	420	215	105	45	21	20
	Cd (p)	25	18	8	3	2	2
MLLMT1248D1		79601		MLLMT24240A1		79611	
MLLMT1248D2		79602		MLLMT24240A2		79612	
MLLMT1248D3		79603		MLLMT24240A3		79613	
MLLMT1248D4		79604		MLLMT24240A4		79614	
MLLMT1248D5		79605		MLLMT24240A5		79615	
MLLMT1248D6		79606		MLLMT24240A6		79616	



Kg. 0,12

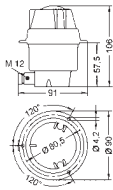
Black option available on request



MICROLAMP R L MT
ML R L MT *

⑬

	$V \text{ ---}$	12 ÷ 24 ÷ 48		-	-	-	
	$V \sim$	-		24 ÷ 48 ÷ 110 ÷ 230 ÷ 240			
BA 15d 5W LR BA 15d 5W	mA	420	215	105	45	21	20
	Cd (p)	25	18	8	3	2	2
MLRLMT1248D1		79681		MLRLMT24240A1		79691	
MLRLMT1248D2		79682		MLRLMT24240A2		79692	
MLRLMT1248D3		79683		MLRLMT24240A3		79693	
MLRLMT1248D4		79684		MLRLMT24240A4		79694	
MLRLMT1248D5		79685		MLRLMT24240A5		79695	
MLRLMT1248D6		79686		MLRLMT24240A6		79696	



Kg. 0,15

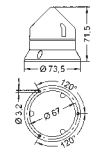
$V_{12 \div 48} \text{ --- } -24 \div 240 \sim (\pm 10\%)$		CTL600: Ba15d LD 143 F - CTL900: Ba15d LD ¹¹³⁻¹¹⁵ ₁₄₃ F - CTL1200: Ba15d LD ¹¹⁵ ₁₄₃ F ¹⁴⁵ F		---		\sim 50/60 Hz		Flash/min. 110±20		IP 54				°C -30 +50	
On ∞				1 2 3 4 5 / 6		PC		SELF-EXTINGUISHING							



CTL 600 L MT
CTL 600 L MT *

⑬

	$V \text{ ---}$	12 ÷ 24 ÷ 48		-	-	-	
	$V \sim$	-		24 ÷ 48 ÷ 110 ÷ 230 ÷ 240			
BA 15d 5W LR BA 15d 5W	mA	425	215	105	45	21	20
	Cd (p)	30	30	10	3	3	3
CTL600LMT1248D1		33521		CTL600LMT24240A1		33531	
CTL600LMT1248D2		33522		CTL600LMT24240A2		33532	
CTL600LMT1248D3		33523		CTL600LMT24240A3		33533	
CTL600LMT1248D4		33524		CTL600LMT24240A4		33534	
CTL600LMT1248D5		33525		CTL600LMT24240A5		33535	
CTL600LMT1248D6		33526		CTL600LMT24240A6		33536	



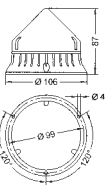
Kg. 0,074



CTL 900 L MT
CTL 900 L MT *

⑬

	$V \text{ ---}$	12 ÷ 24 ÷ 48		-	-	-	
	$V \sim$	-		24 ÷ 48 ÷ 110 ÷ 230 ÷ 240			
BA 15d 10W LR BA 15d 10W	mA	850	440	210	90	45	43
	Cd (p)	160	150	140	20	30	30
CTL900LMT1248D1		33561		CTL900LMT24240A1		33571	
CTL900LMT1248D2		33562		CTL900LMT24240A2		33572	
CTL900LMT1248D3		33563		CTL900LMT24240A3		33573	
CTL900LMT1248D4		33564		CTL900LMT24240A4		33574	
CTL900LMT1248D5		33565		CTL900LMT24240A5		33575	
CTL900LMT1248D6		33566		CTL900LMT24240A6		33576	



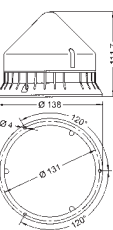
Kg. 0,15



CTL 1200 L MT
CTL 1200 L MT *

⑬

	$V \text{ ---}$	12 ÷ 24 ÷ 48		-	-	-	
	$V \sim$	-		24 ÷ 48 ÷ 110 ÷ 230 ÷ 240			
BA 15d 25W LR BA 15d 25W	A	2.2	1.1	0.52	0.22	0.10	0.10
	Cd (p)	450	500	500	50	80	80
CTL1200LMT1248D1		33601		CTL1200LMT24240A1		33611	
CTL1200LMT1248D2		33602		CTL1200LMT24240A2		33612	
CTL1200LMT1248D3		33603		CTL1200LMT24240A3		33613	
CTL1200LMT1248D4		33604		CTL1200LMT24240A4		33614	
CTL1200LMT1248D5		33605		CTL1200LMT24240A5		33615	
CTL1200LMT1248D6		33606		CTL1200LMT24240A6		33616	



Kg. 0,27

Black option available on request

* Supplied without bulb



FLASHING BEACONS

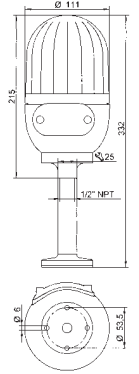
V 12÷48 ---24÷240 ~ (±10%)		Ba 15d LD 105-205		V 12÷240 ~		===		~ 50/60 Hz		Flash/min. 110±20	
IP 65		°C -30 +60		On ∞				1 2 3 4 5 / 6		PC	SELF-EXTINGUISHING



BABYLAMP L MT
BABYLMT *

⑥

 BA 15d 25W LR BA 15d 25W	V ===	12 ÷ 24 ÷ 48		-	-	-	
	V ~	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240		-	-	
	A	2.2	1.1	0.52	0.22	0.11	0.10
	Cd (p)	100	70	60	75	75	80



Kg. 0,53

BABYLMT1248D1	26630	BABYLMT24240A1	26636
BABYLMT1248D2	26631	BABYLMT24240A2	26637
BABYLMT1248D3	26632	BABYLMT24240A3	26638
BABYLMT1248D4	26633	BABYLMT24240A4	26639
BABYLMT1248D5	26634	BABYLMT24240A5	26640
BABYLMT1248D6	26635	BABYLMT24240A6	26641

Black option available on request

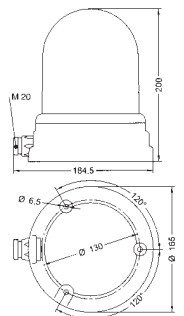
V 12÷48 ---24÷240 ~ (±10%) H1: 12-24		Ba15d LD 105-115-205		===		~ 50/60 Hz		Flash/min. 110±20				
IP 55		°C -30 +50		On ∞		M 20				1 2 3 4 5 / 6	PC	SELF-EXTINGUISHING



PG/AGR/L
PGAGRLMT *
PGAGRLH

③

 BA 15d 40W LR BA 15d 40W	V ===	12 ÷ 24 ÷ 48		-	-	-	
	V ~	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240		-	-	
	A	3.4	1.7	0.83	0.36	0.17	0.17
	Cd (p)	800	1000	800	75	150	150



Kg. 0,66

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ===	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	800	800

PGAGRLMT1248D1	47541	PGAGRLH12D1	47561	PGAGRLH24D1	47311
PGAGRLMT1248D2	47542	PGAGRLH12D2	47562	PGAGRLH24D2	47312
PGAGRLMT1248D3	47543	PGAGRLH12D3	47563	PGAGRLH24D3	47313
PGAGRLMT1248D4	47544	PGAGRLH12D4	47564	PGAGRLH24D4	47314
PGAGRLMT1248D5	47545	PGAGRLH12D5	47565	PGAGRLH24D5	47315
PGAGRLMT1248D6	47546	PGAGRLH12D6	47566	PGAGRLH24D6	47316
PGAGRLMT24240A1	47551	PGAGRLH12A1	47571	PGAGRLH24A1	47321
PGAGRLMT24240A2	47552	PGAGRLH12A2	47572	PGAGRLH24A2	47322
PGAGRLMT24240A3	47553	PGAGRLH12A3	47573	PGAGRLH24A3	47323
PGAGRLMT24240A4	47554	PGAGRLH12A4	47574	PGAGRLH24A4	47324
PGAGRLMT24240A5	47555	PGAGRLH12A5	47575	PGAGRLH24A5	47325
PGAGRLMT24240A6	47556	PGAGRLH12A6	47576	PGAGRLH24A6	47326

Black option available on request

* Supplied without bulb

FLASHING BEACONS

V 12÷48 ---24÷240~(±10%) H1: 12-24	MF: Ba15d LD 103 105 205	MAF: Ba15d LD 105 205	50/60 Hz	Flash/min. 110±20
IP 54	°C -30 +50	On ∞	1 2 3 4 5 6	PC
SELF-EXTINGUISHING				



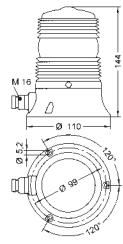
MINIFLASH N
MF N L MT *
MF N H
⑬
M 16



MINIFLASH P
MF P L MT *
MF P H
⑬



MINIFLASH E
MF E L MT *
MF E H
⑬



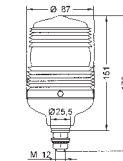
Kg. 0,40

	V ---	12 ÷ 24 ÷ 48	-	-	-	-	
	V ~	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240	-	-	-	
	A	2.2	1.1	0.52	0.22	0.10	0.10
	Cd (p)	150	200	270	30	45	45

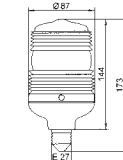
BA 15d 25W
LR BA 15d 25W

	V ---	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	600	500

H1 12V 55W
LR H 55W 12
H1 24V 70W
LR H 70W 24



Kg. 0,35



Kg. 0,30

MFNLMT1248D1	89171	MFPLMT24240A1	89221	MFNH12D1	82481	MFNH24A1	82511	MFPH24D1	82541	MFEH12A1	82571
MFNLMT1248D2	89172	MFPLMT24240A2	89222	MFNH12D2	82482	MFNH24A2	82512	MFPH24D2	82542	MFEH12A2	82572
MFNLMT1248D3	89173	MFPLMT24240A3	89223	MFNH12D3	82483	MFNH24A3	82513	MFPH24D3	82543	MFEH12A3	82573
MFNLMT1248D4	89174	MFPLMT24240A4	89224	MFNH12D4	82484	MFNH24A4	82514	MFPH24D4	82544	MFEH12A4	82574
MFNLMT1248D5	89175	MFPLMT24240A5	89225	MFNH12D5	82485	MFNH24A5	82515	MFPH24D5	82545	MFEH12A5	82575
MFNLMT1248D6	89176	MFPLMT24240A6	89226	MFNH12D6	82486	MFNH24A6	82516	MFPH24D6	82546	MFEH12A6	82576
MFNLMT24240A1	89181	MFELMT1248D1	89611	MFNH12A1	82491	MFPH12D1	82521	MFPH24A1	82551	MFEH24D1	82581
MFNLMT24240A2	89182	MFELMT1248D2	89612	MFNH12A2	82492	MFPH12D2	82522	MFPH24A2	82552	MFEH24D2	82582
MFNLMT24240A3	89183	MFELMT1248D3	89613	MFNH12A3	82493	MFPH12D3	82523	MFPH24A3	82553	MFEH24D3	82583
MFNLMT24240A4	89184	MFELMT1248D4	89614	MFNH12A4	82494	MFPH12D4	82524	MFPH24A4	82554	MFEH24D4	82584
MFNLMT24240A5	89185	MFELMT1248D5	89615	MFNH12A5	82495	MFPH12D5	82525	MFPH24A5	82555	MFEH24D5	82585
MFNLMT24240A6	89186	MFELMT1248D6	89616	MFNH12A6	82496	MFPH12D6	82526	MFPH24A6	82556	MFEH24D6	82586
MFPLMT1248D1	89211	MFELMT24240A1	89251	MFNH24D1	82501	MFPH12A1	82531	MFEH12D1	82561	MFEH24A1	82591
MFPLMT1248D2	89212	MFELMT24240A2	89252	MFNH24D2	82502	MFPH12A2	82532	MFEH12D2	82562	MFEH24A2	82592
MFPLMT1248D3	89213	MFELMT24240A3	89253	MFNH24D3	82503	MFPH12A3	82533	MFEH12D3	82563	MFEH24A3	82593
MFPLMT1248D4	89214	MFELMT24240A4	89254	MFNH24D4	82504	MFPH12A4	82534	MFEH12D4	82564	MFEH24A4	82594
MFPLMT1248D5	89215	MFELMT24240A5	89255	MFNH24D5	82505	MFPH12A5	82535	MFEH12D5	82565	MFEH24A5	82595
MFPLMT1248D6	89216	MFELMT24240A6	89256	MFNH24D6	82506	MFPH12A6	82536	MFEH12D6	82566	MFEH24A6	82596



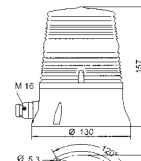
MAXIFLASH N
MAF N L MT *
MAF N H
⑥
M 16



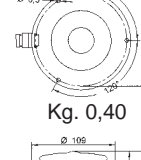
MAXIFLASH P
MAF P L MT *
MAF P H
⑥



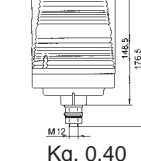
MAXIFLASH E
MAF E L MT *
MAF E H
⑥



Kg. 0,40



Kg. 0,40



Kg. 0,45

	V ---	12 ÷ 24 ÷ 48	-	-	-		
	V ~	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240	-	-		
	A	2.2	1.1	0.52	0.22	0.11	0.10
	Cd (p)	135	140	140	20	30	30

BA 15d 25W
LR BA 15d 25W

	V ---	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	350	350

H1 12V 55W
LR H 55W 12
H1 24V 70W
LR H 70W 24

	V ---	12 ÷ 24 ÷ 48	-	-	-		
	V ~	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240	-	-		
	A	3.4	1.7	0.83	0.36	0.17	0.17
	Cd (p)	300	450	400	50	80	80

BA 15d 40W
LR BA 15d 40W

MAFNLMT1248D1	89331	MAFPLMT24240A1	89381	MAFNH12D1	83801	MAFNH24A1	83831	MAFP24D1	83861	MAFEH12A1	83891
MAFNLMT1248D2	89332	MAFPLMT24240A2	89382	MAFNH12D2	83802	MAFNH24A2	83832	MAFP24D2	83862	MAFEH12A2	83892
MAFNLMT1248D3	89333	MAFPLMT24240A3	89383	MAFNH12D3	83803	MAFNH24A3	83833	MAFP24D3	83863	MAFEH12A3	83893
MAFNLMT1248D4	89334	MAFPLMT24240A4	89384	MAFNH12D4	83804	MAFNH24A4	83834	MAFP24D4	83864	MAFEH12A4	83894
MAFNLMT1248D5	89335	MAFPLMT24240A5	89385	MAFNH12D5	83805	MAFNH24A5	83835	MAFP24D5	83865	MAFEH12A5	83895
MAFNLMT1248D6	89336	MAFPLMT24240A6	89386	MAFNH12D6	83806	MAFNH24A6	83836	MAFP24D6	83866	MAFEH12A6	83896
MAFNLMT24240A1	89341	MAFELMT1248D1	89621	MAFNH12A1	83811	MAFP12D1	83841	MAFP24A1	83871	MAFEH24D1	83901
MAFNLMT24240A2	89342	MAFELMT1248D2	89622	MAFNH12A2	83812	MAFP12D2	83842	MAFP24A2	83872	MAFEH24D2	83902
MAFNLMT24240A3	89343	MAFELMT1248D3	89623	MAFNH12A3	83813	MAFP12D3	83843	MAFP24A3	83873	MAFEH24D3	83903
MAFNLMT24240A4	89344	MAFELMT1248D4	89624	MAFNH12A4	83814	MAFP12D4	83844	MAFP24A4	83874	MAFEH24D4	83904
MAFNLMT24240A5	89345	MAFELMT1248D5	89625	MAFNH12A5	83815	MAFP12D5	83845	MAFP24A5	83875	MAFEH24D5	83905
MAFNLMT24240A6	89346	MAFELMT1248D6	89626	MAFNH12A6	83816	MAFP12D6	83846	MAFP24A6	83876	MAFEH24D6	83906
MAFPLMT1248D1	89371	MAFELMT24240A1	89411	MAFNH24D1	83821	MAFP12A1	83851	MAFEH12D1	83881	MAFEH24A1	83911
MAFPLMT1248D2	89372	MAFELMT24240A2	89412	MAFNH24D2	83822	MAFP12A2	83852	MAFEH12D2	83882	MAFEH24A2	83912
MAFPLMT1248D3	89373	MAFELMT24240A3	89413	MAFNH24D3	83823	MAFP12A3	83853	MAFEH12D3	83883	MAFEH24A3	83913
MAFPLMT1248D4	89374	MAFELMT24240A4	89414	MAFNH24D4	83824	MAFP12A4	83854	MAFEH12D4	83884	MAFEH24A4	83914
MAFPLMT1248D5	89375	MAFELMT24240A5	89415	MAFNH24D5	83825	MAFP12A5	83855	MAFEH12D5	83885	MAFEH24A5	83915
MAFPLMT1248D6	89376	MAFELMT24240A6	89416	MAFNH24D6	83826	MAFP12A6	83856	MAFEH12D6	83886	MAFEH24A6	83916

Black option available on request

* Supplied without bulb



FLASHING BEACONS

V 12÷48 --- -24÷240 ~ (±10%) H1: 12-24	Ba15d LD 105 115 205	==	~ 50/60 Hz	Flash/min. 110±20
IP 54	°C -30 +50	On ∞	M 16	1 2 3 4 5 6 / PC
SELF-EXTINGUISHING				



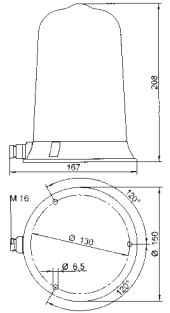
LAMPALLARM FRESNEL P B

LA P B L M T *
LA P B H



 BA 15d 40W LR BA 15d 40W	V ==	12 ÷ 24 ÷ 48	-	-	-	
	V ~	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240			
	A	3.4	1.7	0.83	0.36	0.17
	Cd (p)	800	1000	800	75	150

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ==	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	800	800



Kg. 0,5

LAPBLMT1248D1	89451	LAPBLMT24240A3	89463	LAPBH12D5	82405	LAPBH24D1	82421	LAPBH24A3	82433
LAPBLMT1248D2	89452	LAPBLMT24240A4	89464	LAPBH12D6	82406	LAPBH24D2	82422	LAPBH24A4	82434
LAPBLMT1248D3	89453	LAPBLMT24240A5	89465	LAPBH12A1	82411	LAPBH24D3	82423	LAPBH24A5	82435
LAPBLMT1248D4	89454	LAPBLMT24240A6	89466	LAPBH12A2	82412	LAPBH24D4	82424	LAPBH24A6	82436
LAPBLMT1248D5	89455	LAPBH12D1	82401	LAPBH12A3	82413	LAPBH24D5	82425		
LAPBLMT1248D6	89456	LAPBH12D2	82402	LAPBH12A4	82414	LAPBH24D6	82426		
LAPBLMT24240A1	89461	LAPBH12D3	82403	LAPBH12A5	82415	LAPBH24A1	82431		
LAPBLMT24240A2	89462	LAPBH12D4	82404	LAPBH12A6	82416	LAPBH24A2	82432		

Black option available on request



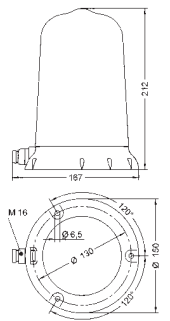
LAMPALLARM FRESNEL AL B

LA AL B L M T *
LA AL B H



 BA 15d 40W LR BA 15d 40W	V ==	12 ÷ 24 ÷ 48	-	-	-	
	V ~	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240			
	A	3.4	1.7	0.83	0.36	0.17
	Cd (p)	800	1000	800	75	150

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ==	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	800	800



Kg. 0,56

LAALBLMT1248D1	89491	LAALBLMT24240A3	89513	LAALBH12D5	82445	LAALBH24D1	82461	LAALBH24A3	82473
LAALBLMT1248D2	89492	LAALBLMT24240A4	89514	LAALBH12D6	82446	LAALBH24D2	82462	LAALBH24A4	82474
LAALBLMT1248D3	89493	LAALBLMT24240A5	89515	LAALBH12A1	82451	LAALBH24D3	82463	LAALBH24A5	82475
LAALBLMT1248D4	89494	LAALBLMT24240A6	89516	LAALBH12A2	82452	LAALBH24D4	82464	LAALBH24A6	82476
LAALBLMT1248D5	89495	LAALBH12D1	82441	LAALBH12A3	82453	LAALBH24D5	82465		
LAALBLMT1248D6	89496	LAALBH12D2	82442	LAALBH12A4	82454	LAALBH24D6	82466		
LAALBLMT24240A1	89511	LAALBH12D3	82443	LAALBH12A5	82455	LAALBH24A1	82471		
LAALBLMT24240A2	89512	LAALBH12D4	82444	LAALBH12A6	82456	LAALBH24A2	82472		

V 12 (14.5)	Recharging voltage	Ba15d LD 105 115 205	==	IP 54	°C -10 +40
(Batt.: 12 V - 7 Ah)		1 2 3 4 5 6 / PC		PC	SELF-EXTINGUISHING

BATTERY OPERATED BEACON

SUPPLIED WITHOUT BATTERY

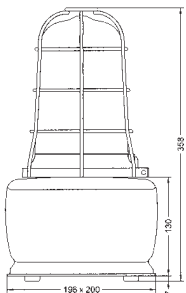


LAMPALLARM FRESNEL A

A LA



 BA 15d 25W LR BA 15d 25W	V ==	12
	A	2.1
	Cd (p)	300
	On:	5 h
Flash/min		110 ± 20



Kg. 2,27

ALA12D1	89008
ALA12D2	89001
ALA12D3	89003
ALA12D4	89000
ALA12D5	89002

* Supplied without bulb



FLASHING BEACONS

V 12÷48 ---24÷240 ~ (±10%) H1: 12-24		Ba15d LD 105 115 205		50/60 Hz		Flash/min. 110±20	
IP 54	°C -30 +50	On ∞		1 2 3 4 5 6		PC	SELF-EXTINGUISHING



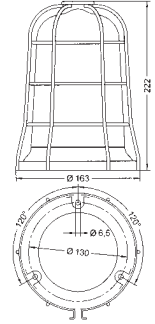
**BLINDO
LAMPALLARM
FRESNEL AL B**
BD LA AL B L MT *
BD LA AL B H

② ⑩

 BA 15d 40W LR BA 15d 40W	V ---	12 ÷ 24 ÷ 48						-	-	-
	V ~	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240						-	-
	A	3.4	1.7	0.83	0.36	0.17	0.17	-	-	
	Cd (p)	800	1000	800	75	150	150	-	-	

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ---	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	800	800

BDLAALBLMT1248D1	89561	BDLAALBLMT24240A3	89573
BDLAALBLMT1248D2	89562	BDLAALBLMT24240A4	89574
BDLAALBLMT1248D3	89563	BDLAALBLMT24240A5	89575
BDLAALBLMT1248D4	89564	BDLAALBLMT24240A6	89576
BDLAALBLMT1248D5	89565	BDLAALBH12D2	86769
BDLAALBLMT1248D6	89566	BDLAALBH24D2	86786
BDLAALBLMT24240A1	89571	BDLAALBH24D3	86787
BDLAALBLMT24240A2	89572	BDLAALBH24A2	86752



Kg. 0,95



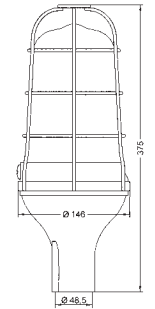
**BLINDO
LAMPALLARM
FRESNEL P AG**
BD LA P AG L MT *
BD LA P AG H

⑥ ⑦ ⑩

 BA 15d 40W LR BA 15d 40W	V ---	12 ÷ 24 ÷ 48						-	-	-
	V ~	-	24 ÷ 48 ÷ 110 ÷ 230 ÷ 240						-	-
	A	3.4	1.7	0.83	0.36	0.17	0.17	-	-	
	Cd (p)	800	1000	800	75	150	150	-	-	

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ---	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	800	800

BDLAPAGLMT1248D1	89581	BDLAPAGLMT24240A2	89592
BDLAPAGLMT1248D2	89582	BDLAPAGLMT24240A3	89593
BDLAPAGLMT1248D3	89583	BDLAPAGLMT24240A4	89594
BDLAPAGLMT1248D4	89584	BDLAPAGLMT24240A5	89595
BDLAPAGLMT1248D5	89585	BDLAPAGLMT24240A6	89596
BDLAPAGLMT1248D6	89586	BDLAPAGH24A5	86851
BDLAPAGLMT24240A1	89591		



Kg. 1,3

V 12-24-48-110-230-240 (±10%)		Ba15d LD 105 - 115 - 205		50/60 Hz		Flash/min. 110±20	
IP 67	°C -30 +50	On ∞		1 2 3 4 5 6		PC	SELF-EXTINGUISHING

WATERPROOF BEACON



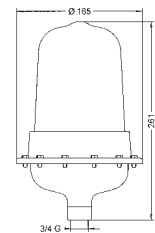
**LAMPALLARM
FRESNEL
STAGNO**
ST LA
ST LA H

⑩

 BA 15d 40W LR BA 15d 40W	V ---	12	24	48	-	-	-
	V ~	-	24	48	110	230	240
	A	3.4	1.7	0.83	0.36	0.17	0.17
	Cd (p)	800	1000	800	75	150	150

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ---	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	800	800

STLA12D6	90532	STLA48A2	90522	STLA240A3	90536
STLA12A6	90524	STLA48A3	90530	STLAH12D1	90540
STLA24D2	90520	STLA48A5	90519	STLAH12D3	90541
STLA24D3	90521	STLA110A2	90534	STLAH24D3	90516
STLA24D5	90527	STLA110A3	90533	STLAH24D5	90517
STLA24A2	90523	STLA230A2	90526	STLAH24A3	90515
STLA24A3	90528	STLA230A3	90529		
STLA24A5	90535	STLA230A5	90525		



Kg. 1,33

STAINLESS STEEL

* Supplied without bulb



FLASHING BEACONS

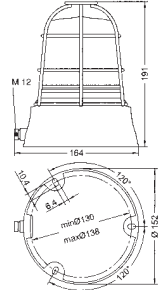
V 12-24-48-110-230-240 (±10%)		===	~ 50/60 Hz	Flash/min. 110±20			IP 54				
°C -30 +50	On ∞	M 12		1	2	3	4	5	6	PC	SELF-EXTINGUISHING



BLINDO LAMP
BD L
BD L H
② ⑰

 BA 15s 45W LR BA 15s 45W E14 40W LR E14S 40W	V ===	12	24	48	-	-	-
	V ~	12	24	48	110	230	240
	A	3.8	1.9	0.9	0.36	0.18	0.17
	Cd (p)	200	150	100	100	100	100

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ===	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	350	350



Kg. 1,0

BDL12D1	86002	BDL48D3	86037	BDLH12D1	86051
BDL12D2	86001	BDL48D4	86044	BDLH12D2	86050
BDL12D3	86004	BDL48D5	86045	BDLH12D3	86053
BDL12D4	86005	BDL48A2	86046	BDLH12D4	86054
BDL12D5	86041	BDL48A3	86042	BDLH12D5	86077
BDL12A1	86007	BDL110A1	86022	BDLH12D6	86052
BDL12A2	86003	BDL110A2	86021	BDLH12A1	86056
BDL12A3	86009	BDL110A3	86024	BDLH12A2	86055
BDL12A4	86010	BDL110A4	86025	BDLH12A3	86058
BDL12A6	86008	BDL110A5	86038	BDLH12A4	86059
BDL24D1	86012	BDL110A6	86023	BDLH12A6	86057
BDL24D2	86011	BDL230A1	86027	BDLH24D1	86061
BDL24D3	86014	BDL230A2	86026	BDLH24D2	86060
BDL24D4	86015	BDL230A3	86029	BDLH24D3	86068
BDL24D5	86043	BDL230A4	86030	BDLH24D4	86064
BDL24D6	86013	BDL230A5	86040	BDLH24D5	86070
BDL24A1	86017	BDL230A6	86028	BDLH24D6	86062
BDL24A2	86016	BDL240A1	86032	BDLH24A1	86066
BDL24A3	86019	BDL240A2	86031	BDLH24A2	86065
BDL24A4	86020	BDL240A3	86034	BDLH24A4	86069
BDL24A5	86039	BDL240A4	86035	BDLH24A5	86063
BDL24A6	86018	BDL240A5	86076	BDLH24A6	86067
BDL48D2	86036	BDL240A6	86033		

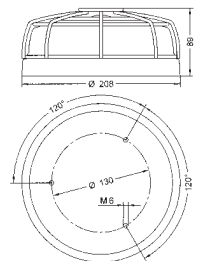
V 12-24-48-110-230-240 (±10%)		===	~ 50/60 Hz	Flash/min. 110±20			IP 54				
°C -30 +50	On ∞			1	2	3	4	5	6	PC	SELF-EXTINGUISHING



BLINDO FLATLAMP
BD FTL
BD FTL H
② ⑰

 BA 15s 45W LR BA 15s 45W E14 40W LR E14S 40W	V ===	12	24	48	-	-	-
	V ~	12	24	48	110	230	240
	A	3.8	1.9	0.9	0.36	0.18	0.17
	Cd (p)	2000	1500	300	200	200	200

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ===	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	4000	3600



Kg. 1,1

BDFTL12D1	86251	BDFTL48D1	86292	BDFTLH12D1	86300
BDFTL12D2	86250	BDFTL48D2	86296	BDFTLH12D2	86305
BDFTL12D3	86253	BDFTL48D3	86293	BDFTLH12D3	86303
BDFTL12D4	86254	BDFTL48D5	86291	BDFTLH12D4	86304
BDFTL12D5	86285	BDFTL48A2	86294	BDFTLH12D5	86301
BDFTL12D6	86252	BDFTL48A3	86297	BDFTLH12D6	86302
BDFTL12A1	86256	BDFTL110A1	86271	BDFTLH12A1	86306
BDFTL12A2	86255	BDFTL110A2	86270	BDFTLH12A3	86308
BDFTL12A3	86258	BDFTL110A3	86273	BDFTLH12A4	86309
BDFTL12A4	86259	BDFTL110A4	86274	BDFTLH12A6	86307
BDFTL12A6	86257	BDFTL110A6	86272	BDFTLH24D1	86311
BDFTL24D1	86261	BDFTL230A1	86276	BDFTLH24D2	86310
BDFTL24D2	86260	BDFTL230A2	86275	BDFTLH24D3	86313
BDFTL24D3	86263	BDFTL230A3	86278	BDFTLH24D4	86314
BDFTL24D4	86264	BDFTL230A4	86279	BDFTLH24D5	86320
BDFTL24D5	86287	BDFTL230A5	86290	BDFTLH24D6	86312
BDFTL24D6	86262	BDFTL230A6	86277	BDFTLH24A1	86316
BDFTL24A1	86266	BDFTL240A1	86281	BDFTLH24A2	86315
BDFTL24A2	86265	BDFTL240A2	86280	BDFTLH24A3	86318
BDFTL24A3	86268	BDFTL240A3	86283	BDFTLH24A4	86319
BDFTL24A4	86269	BDFTL240A4	86284	BDFTLH24A6	86317
BDFTL24A5	86295	BDFTL240A5	86289		
BDFTL24A6	86267	BDFTL240A6	86282		

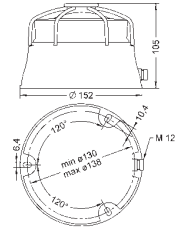
FLASHING BEACONS

V ₁₂₋₂₄ (±10%)	≡	~ 50/60 Hz	Flash/min. 0-110±20	IP 54
°C -30 +50	On ∞	M 12	6 / GLASS	SELF-EXTINGUISHING



BLINDO FARO
BD FR
② ⑮ ⑰

SEALD BEAM	V ≡	12	24
	V ~	12	24
	A	2.5	2
	Cd (p)	21000	21000



BDFR24D6 86357

Kg. 0,95

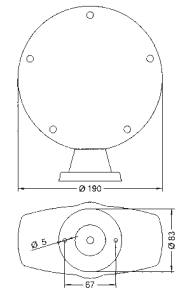
V ₁₂₋₂₄₋₁₁₀₋₂₃₀₋₂₄₀ (±10%)	V ₁₂₋₂₄₋₄₈ : Ba15s LD ¹⁰⁵ / ₁₁₅ / ₂₀₅	V ₁₁₀₋₂₃₀ : E14 LD ¹⁰⁵ / ₁₁₅ / ₂₀₅	≡
~ 50/60 Hz	Flash/min. 110±20	IP 54	°C -30 +50
On ∞	1 2 3 4 5 6	PC	SELF-EXTINGUISHING



FAROLAMP N
FRL N
FRL N H
⑨

BA 15s 45W ≡ LR BA 15s 45W E14 40W ~ LR E14S 40W	V ≡	12	24	48	-	-	-
	V ~	12	24	48	110	230	240
	A	3.8	1.9	0.9	0.36	0.18	0.17
	Cd (p)	2000	1500	300	200	200	200

H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ≡	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	4000	3600



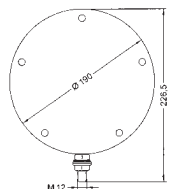
Kg. 0,84

FRLN12D1	85001	FRLN24D6	85102	FRLN230A1	85006	FRLNH12A1	85009
FRLN12D2	84900	FRLN24A1	85004	FRLN230A2	84905	FRLNH12A2	84911
FRLN12D3	85200	FRLN24A2	84903	FRLN230A3	85205	FRLNH12A3	85211
FRLN12D4	85300	FRLN24A3	85203	FRLN230A4	85303	FRLNH12A4	85311
FRLN12D5	84910	FRLN24A4	84920	FRLN230A5	84907	FRLNH12A6	85108
FRLN12D6	85100	FRLN24A5	84908	FRLN230A34	85386	FRLNH24D2	84912
FRLN12D36	85385	FRLN24A6	85103	FRLN240A1	85007	FRLNH24D3	85212
FRLN12A1	85002	FRLN48D3	84918	FRLN240A2	84906	FRLNH24D4	85312
FRLN12A2	84901	FRLN48D5	84915	FRLN240A3	85206	FRLNH24D6	85109
FRLN12A3	85201	FRLN48A2	84914	FRLN240A5	85207	FRLNH24A1	85011
FRLN12A4	85301	FRLN48A5	84935	FRLN240A6	85106	FRLNH24A2	84913
FRLN12A6	85101	FRLN110A1	85005	FRLN240A34	85105	FRLNH24A3	85213
FRLN24D1	85003	FRLN110A2	84904	FRLNH12D1	85008	FRLNH24A4	85313
FRLN24D2	84902	FRLN110A3	85204	FRLNH12D3	85210	FRLNH24A6	85110
FRLN24D3	85202	FRLN110A4	84919	FRLNH12D4	85310		
FRLN24D4	85302	FRLN110A5	84909	FRLNH12D5	84916		
FRLN24D5	85000	FRLN110A6	85104	FRLNH12D6	85107		



FAROLAMP P
FRL P
FRL P H
④

FRLP12D1	84996	FRLP48D3	85288	FRLPH12D5	84989
FRLP12D2	84986	FRLP48D5	85290	FRLPH12D6	85214
FRLP12A3	85124	FRLP48A3	85287	FRLPH12A2	84999
FRLP24D2	84987	FRLP48A4	85315	FRLPH24D3	85123
FRLP24D3	85286	FRLP110A3	85281	FRLPH24D5	85122
FRLP24D4	85314	FRLP230A1	85216	FRLPH24A1	84994
FRLP24D5	85126	FRLP230A2	84985	FRLPH24A3	85010
FRLP24D6	85125	FRLP230A3	85282	FRLPH24A4	85016
FRLP24A2	84993	FRLP230A4	85280	FRLPH24A5	84997
FRLP24A3	85285	FRLP230A5	84988	FRLPH24A6	85017
FRLP24A4	85317	FRLP240A3	85289		
FRLP48D2	85305	FRLP240A4	85283		

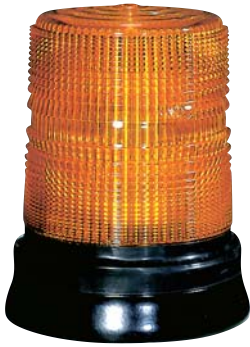


Kg. 0,72



FLASHING BEACONS

V 12-24-48-110-230-240 (±10%) H1: 12-24	E27 LD 205 345 445 545	===	~ 50/60 Hz	Flash/min. 110±20
IP 65	°C -30 +50	On ∞		PC SELF-EXTINGUISHING



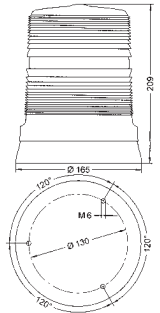
STROBOLAMP N

STL N
STL N H

②

 BA 15s 45W=== LR BA 15s 45W E14 40W~ LR E14S 40W	V ===	12	24	48	-	-	-
	V ~	12	24	48	110	230	240
	A	3.8	1.9	0.9	0.36	0.18	0.17
	Cd (p)	600	450	300	250	300	250

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ===	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	1100	1100



Kg. 1,0

STLN12D2	87200	STLN24D1	87211	STLN24A6	87217	STLN110A4	87224	STLN240A2	87230	STLN12A1	87256	STLN24D5	87249
STLN12D3	87203	STLN24D2	87210	STLN48D2	87239	STLN110A5	87237	STLN240A3	87233	STLN12A2	87255	STLN24D6	87262
STLN12D4	87204	STLN24D3	87213	STLN48D3	87240	STLN110A6	87222	STLN240A4	87234	STLN12A3	87258	STLN24A1	87266
STLN12D5	87235	STLN24D4	87214	STLN48D5	87242	STLN230A1	87226	STLN240A5	87245	STLN12A4	87259	STLN24A2	87265
STLN12D6	87202	STLN24D5	87236	STLN48A2	87243	STLN230A2	87225	STLN240A6	87232	STLN12A5	87418	STLN24A3	87268
STLN12A1	87206	STLN24D6	87212	STLN48A3	87244	STLN230A3	87228	STLN12D1	87251	STLN12A6	87257	STLN24A4	87269
STLN12A2	87205	STLN24A1	87216	STLN48A5	87219	STLN230A4	87229	STLN12D2	87250	STLN12A1	87261	STLN24A5	87248
STLN12A3	87208	STLN24A2	87215	STLN110A1	87221	STLN230A5	87238	STLN12D3	87253	STLN24D2	87260	STLN24A6	87267
STLN12A4	87209	STLN24A3	87218	STLN110A2	87220	STLN230A6	87227	STLN12D4	87254	STLN24D3	87263		
STLN12A6	87207	STLN24A5	87241	STLN110A3	87223	STLN240A1	87231	STLN12D6	87252	STLN24D4	87264		



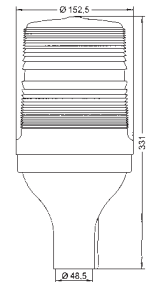
STROBOLAMP AG

STL AG
STL AG H

⑦

 BA 15s 45W=== LR BA 15s 45W E14 40W~ LR E14S 40W	V ===	12	24	48	-	-	-
	V ~	12	24	48	110	230	240
	A	3.8	1.9	0.9	0.36	0.18	0.17
	Cd (p)	600	450	300	250	300	250

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ===	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	1100	1100



Kg. 1,16

STLAG12D1	87271	STLAG24D1	87281	STLAG48D3	87415	STLAG230A3	87298	STLAGH12D2	87305	STLAGH24D3	87318
STLAG12D2	87270	STLAG24D2	87280	STLAG48D5	87347	STLAG230A4	87299	STLAGH12D3	87308	STLAGH24D4	87319
STLAG12D3	87273	STLAG24D3	87283	STLAG48A2	87327	STLAG230A5	87329	STLAGH12D4	87309	STLAGH24D5	87328
STLAG12D4	87274	STLAG24D4	87284	STLAG48A3	87325	STLAG230A6	87297	STLAGH12D6	87307	STLAGH24D6	87317
STLAG12D5	87326	STLAG24D6	87282	STLAG110A1	87291	STLAG240A1	87301	STLAGH12A1	87311	STLAGH24A1	87321
STLAG12D6	87272	STLAG24A1	87286	STLAG110A2	87336	STLAG240A2	87300	STLAGH12A2	87310	STLAGH24A2	87320
STLAG12A1	87276	STLAG24A2	87285	STLAG110A3	87293	STLAG240A3	87303	STLAGH12A3	87313	STLAGH24A3	87323
STLAG12A2	87275	STLAG24A3	87288	STLAG110A4	87294	STLAG240A4	87304	STLAGH12A4	87314	STLAGH24A4	87324
STLAG12A3	87278	STLAG24A4	87289	STLAG110A6	87292	STLAG240A5	87290	STLAGH12A6	87312	STLAGH24A6	87322
STLAG12A4	87279	STLAG24A5	87412	STLAG230A1	87296	STLAG240A6	87302	STLAGH24D1	87316		
STLAG12A6	87277	STLAG24A6	87287	STLAG230A2	87295	STLAGH12D1	87306	STLAGH24D2	87315		

V 12-24-110-230-240 (±10%)	===	~ 50/60 Hz	Flash/min. 110±20	IP 54
°C -30 +50	On ∞	M 20		METHACRYLATE

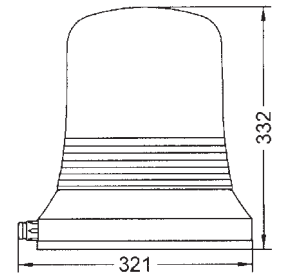


LAMPOLUX H

LPX H

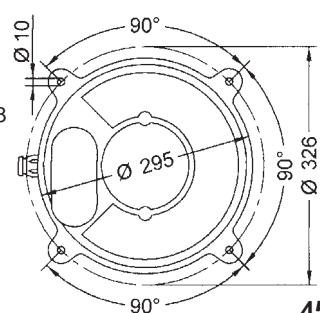
⑤ ⑭

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24 Ba 15d 75W ALOGENA LR BA 15 d 75W	V ===	12	24	-	-	-
	V ~	12	24	110	230	240
	A	4.6	2.9	0.68	0.32	0.3
	Cd (p)	350	350	350	350	350



Kg. 3,8

LPXH12D2	26051	LPXH110A3	26064
LPXH12D3	26052	LPXH230A2	26069
LPXH24D2	26057	LPXH230A3	26070
LPXH24D3	26058	LPXH240A2	26075
LPXH110A2	26063	LPXH240A3	26076



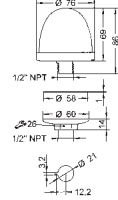
CONTINUOUS LIGHT BEACONS

V 12 ÷ 240 $\overline{\sim}$ ($\pm 10\%$)		B_a15d 5W-10W LD $\begin{matrix} 105 \\ 115 \\ 145 \end{matrix}$ F		==		~ 50/60 Hz		IP 65	
	°C -30 +50	On ∞		1	2	3	4	5	6 / PC



OVOLUX F MT
OVOFMT *
⑬

	V $\overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
BA 15d 5W LR BA 15d 5W	mA	430	210	100	35	21	22
	Cd (p)	4	3	3	2,5	2,5	2,5
BA 15d 10W LR BA 15d 10W	mA	830	420	210	90	45	42
	Cd (p)	6,5	4,5	4,8	3,7	3,8	3,8



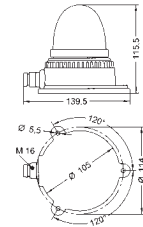
Kg. 0,15

OVOFMT12240DA1	30011	OVOFMT12240DA4	30014
OVOFMT12240DA2	30012	OVOFMT12240DA5	30015
OVOFMT12240DA3	30013	OVOFMT12240DA6	30016



OVOLUX PG9 F MT
OVOPG9FMT *
⑬

	V $\overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
BA 15d 5W LR BA 15d 5W	mA	430	210	100	35	21	22
	Cd (p)	4	3	3	2,5	2,5	2,5
BA 15d 10W LR BA 15d 10W	mA	830	420	210	90	45	42
	Cd (p)	6,5	4,5	4,8	3,7	3,8	3,8



Kg. 0,24

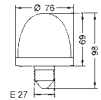
OVOPG9FMT12240DA1	30031	OVOPG9FMT12240DA4	30034
OVOPG9FMT12240DA2	30032	OVOPG9FMT12240DA5	30035
OVOPG9FMT12240DA3	30033	OVOPG9FMT12240DA6	30036

M 16



OVOLUX E F MT
OVOEFMT *
⑬

	V $\overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
BA 15d 5W LR BA 15d 5W	mA	430	210	100	35	21	22
	Cd (p)	4	3	3	2,5	2,5	2,5
BA 15d 10W LR BA 15d 10W	mA	830	420	210	90	45	42
	Cd (p)	6,5	4,5	4,8	3,7	3,8	3,8



Kg. 0,10

OVOEFMT12240DA1	31331	OVOEFMT12240DA4	31334
OVOEFMT12240DA2	31332	OVOEFMT12240DA5	31335
OVOEFMT12240DA3	31333	OVOEFMT12240DA6	31336

APPLICATION SYSTEMS



For the part nos. see page 93
Black option available on request
* Supplied without bulb



CONTINUOUS LIGHT BEACONS

$V_{12} \div 240 \overline{\sim} (\pm 10\%)$		Ba15d LD $\begin{matrix} 103 \\ 105-143 F \\ 145 F \end{matrix}$		\equiv	\sim 50/60 Hz	IP 54	
	$^{\circ}C -30 +50$	On ∞			PC	SELF-EXTINGUISHING	

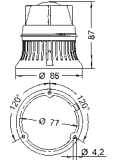


MICROLAMP F MT
ML F MT *

13

 BA 15d 5W LR BA 15d 5W	$V \overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	mA	415	210	105	45	22	21
	Cd (p)	25	18	8	3	2	2

MLFMT12240DA1	79781	MLFMT12240DA4	79784
MLFMT12240DA2	79782	MLFMT12240DA5	79785
MLFMT12240DA3	79783	MLFMT12240DA6	79786



Kg. 0,12

Black option available on request

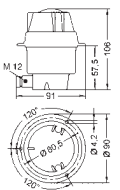


MICROLAMP R F MT
ML R F MT *

13

 BA 15d 5W LR BA 15d 5W	$V \overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	mA	415	210	105	45	22	21
	Cd (p)	25	18	8	3	2	2

MLRFMT12240DA1	79791	MLRFMT12240DA4	79794
MLRFMT12240DA2	79792	MLRFMT12240DA5	79795
MLRFMT12240DA3	79793	MLRFMT12240DA6	79796



Kg. 0,15

$V_{12} \div 240 \overline{\sim} (\pm 10\%)$		CTL600: Ba15d LD 143 F - CTL900: Ba15d LD $\begin{matrix} 113-115 \\ 143 F \\ 145 F \end{matrix}$ - CTL1200: Ba15d LD $\begin{matrix} 115 \\ 143 F \\ 145 F \end{matrix}$		IP 54		\square	$^{\circ}C -30 +50$
\equiv	\sim 50/60 Hz				PC	SELF-EXTINGUISHING	
On ∞					PC	SELF-EXTINGUISHING	

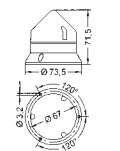


CTL 600 F MT
CTL 600 F MT *

13

 BA 15d 5W LR BA 15d 5W	$V \overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	mA	415	210	105	45	22	21
	Cd (p)	30	30	10	3	3	3

CTL600FMT12240DA1	33831	CTL600FMT12240DA4	33834
CTL600FMT12240DA2	33832	CTL600FMT12240DA5	33835
CTL600FMT12240DA3	33833	CTL600FMT12240DA6	33836



Kg. 0,074

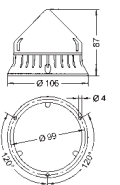


CTL 900 F MT
CTL 900 F MT *

13

 BA 15d 10W LR BA 15d 10W	$V \overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	mA	830	415	210	90	44	42
	Cd (p)	160	150	140	20	30	30

CTL900FMT12240DA1	33841	CTL900FMT12240DA4	33844
CTL900FMT12240DA2	33842	CTL900FMT12240DA5	33845
CTL900FMT12240DA3	33843	CTL900FMT12240DA6	33846



Kg. 0,15

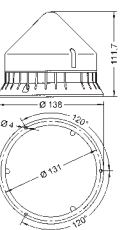


CTL 1200 F MT
CTL 1200 F MT *

13

 BA 15d 25W LR BA 15d 25W	$V \overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	A	2.1	1.1	0.52	0.22	0.11	0.10
	Cd (p)	450	500	500	50	80	80

CTL1200FMT12240DA1	33851	CTL1200FMT12240DA4	33854
CTL1200FMT12240DA2	33852	CTL1200FMT12240DA5	33855
CTL1200FMT12240DA3	33853	CTL1200FMT12240DA6	33856



Kg. 0,27

Black option available on request

* Supplied without bulb

CONTINUOUS LIGHT BEACONS

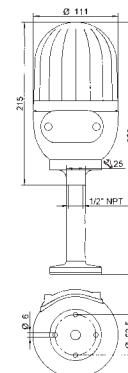
V 12÷240 $\overline{\sim}$ ($\pm 10\%$)		Ba 15d LD 105 - 205		==	~ 50/60 Hz	IP 65	
	°C -30 +60	On ∞		1 2 3 4 5 6	PC	SELF-EXTINGUISHING	



BABYLAMP F MT
BABYFMT *

⑥

 BA 15d 25W LR BA 15d 25W	V $\overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	A	2.1	1.1	0.52	0.22	0.11	0.10
	Cd (p)	100	70	60	75	75	80



Kg. 0,53

BABYFMT12240DA1	26801	BABYFMT12240DA4	26804
BABYFMT12240DA2	26802	BABYFMT12240DA5	26805
BABYFMT12240DA3	26803	BABYFMT12240DA6	26806

Black option available on request

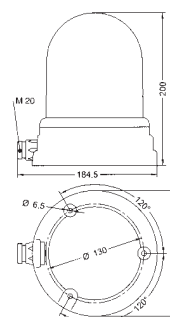
V 12÷240 $\overline{\sim}$		Ba15d LD 105-115-205		==	~ 50/60 Hz	IP 55	
	°C -30 +50	On ∞	M 20		1 2 3 4 5 6	PC	SELF-EXTINGUISHING



PG/AGR/F MT
PG AGR F MT *

③

 BA 15d 40W LR BA 15d 40W	V $\overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	A	3.3	1.65	0.83	0.36	0.17	0.17
	Cd (p)	800	1000	800	75	150	150



Kg. 0,66

PGAGRFMT12240DA1	47531	PGAGRFMT12240DA4	47534
PGAGRFMT12240DA2	47532	PGAGRFMT12240DA5	47535
PGAGRFMT12240DA3	47533	PGAGRFMT12240DA6	47536

Black option available on request

* Supplied without bulb



CONTINUOUS LIGHT BEACONS

V 12 ÷ 240 $\overline{\sim}$ ($\pm 10\%$)		MF: Ba15d LD ¹⁰³ / ₁₀₅ MAF: Ba15d LD ¹⁰⁵ / ₂₀₅		==	$\overline{\sim}$ 50/60 Hz	IP 54
	°C -30 +50	On ∞		1 2 3 4 5 6	PC	SELF-EXTINGUISHING



M 16
MINIFLASH
N F MT
MF N F MT *
⑬



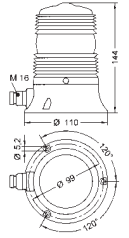
MINIFLASH
P F MT
MF P F MT *
⑬



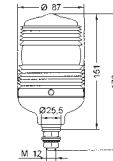
MINIFLASH
E F MT
MF E F MT *
⑬

	V $\overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	A	2.1	1.1	0.52	0.22	0.11	0.10
	Cd (p)	150	200	270	30	45	45

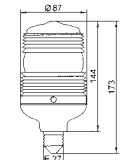
BA 15d 25W
LR BA 15d 25W



Kg. 0,4



Kg. 0,35



Kg. 0,30

MFNFMT12240DA1	89111	MFPFMT12240DA1	89131	MFEFMT12240DA1	89151
MFNFMT12240DA2	89112	MFPFMT12240DA2	89132	MFEFMT12240DA2	89152
MFNFMT12240DA3	89113	MFPFMT12240DA3	89133	MFEFMT12240DA3	89153
MFNFMT12240DA4	89114	MFPFMT12240DA4	89134	MFEFMT12240DA4	89154
MFNFMT12240DA5	89115	MFPFMT12240DA5	89135	MFEFMT12240DA5	89155
MFNFMT12240DA6	89116	MFPFMT12240DA6	89136	MFEFMT12240DA6	89156



M 16
MAXIFLASH
N F MT
MAF N F MT *
⑥



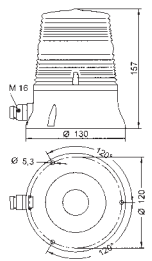
MAXIFLASH
P F MT
MAF P F MT *
⑥



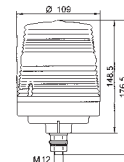
MAXIFLASH
E F MT
MAF E F MT *
⑥

	V $\overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	A	2.1	1.1	0.52	0.22	0.11	0.10
	Cd (p)	135	140	140	20	30	30

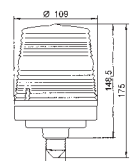
BA 15d 25W
LR BA 15d 25W



Kg. 0,4



Kg. 0,4



Kg. 0,45

	V $\overline{\sim}$	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	A	3.3	1.65	0.83	0.36	0.17	0.17
	Cd (p)	300	450	400	50	80	80


BA 15d 40W
LR BA 15d 40W

MAFNMT12240DA1	89271	MAFPFMT12240DA1	89291	MAFEFMT12240DA1	89311
MAFNMT12240DA2	89272	MAFPFMT12240DA2	89292	MAFEFMT12240DA2	89312
MAFNMT12240DA3	89273	MAFPFMT12240DA3	89293	MAFEFMT12240DA3	89313
MAFNMT12240DA4	89274	MAFPFMT12240DA4	89294	MAFEFMT12240DA4	89314
MAFNMT12240DA5	89275	MAFPFMT12240DA5	89295	MAFEFMT12240DA5	89315
MAFNMT12240DA6	89276	MAFPFMT12240DA6	89296	MAFEFMT12240DA6	89316

Black option available on request

* Supplied without bulb

CONTINUOUS LIGHT BEACONS



V 12 ÷ 240 (±10%)	Ba15d LD 105-115-205	==	~ 50/60 Hz	IP 54
°C -30 +50	On ∞		1 2 3 4 5 6 / PC	SELF-EXTINGUISHING

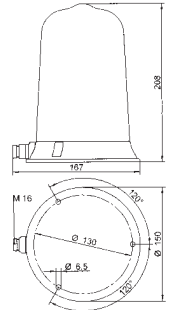


M 16

LAMPALLARM FRESNEL P B F MT LA P B F MT *

①

 BA 15d 40W LR BA 15d 40W	V 	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	A	3.3	1.65	0.83	0.36	0.17	0.17
	Cd (p)	800	1000	800	75	150	150



Kg. 0,5



LAPBFMT12240DA1	89431	LAPBFMT12240DA4	89434
LAPBFMT12240DA2	89432	LAPBFMT12240DA5	89435
LAPBFMT12240DA3	89433	LAPBFMT12240DA6	89436

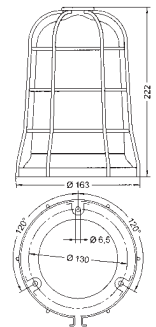
Black option available on request



BLINDO LAMPALLARM FRESNEL AL B F MT BD LA AL B F MT *

② ①⑦

 BA 15d 40W LR BA 15d 40W	V 	12 ÷ 24 ÷ 48 ÷ 110 ÷ 230 ÷ 240					
	A	3.3	1.65	0.83	0.36	0.17	0.17
	Cd (p)	800	1000	800	75	150	150




Kg. 0,95

BDLAALBFMT12240DA1	89551	BDLAALBFMT12240DA4	89554
BDLAALBFMT12240DA2	89552	BDLAALBFMT12240DA5	89555
BDLAALBFMT12240DA3	89553	BDLAALBFMT12240DA6	89556

* Supplied without bulb




CONTINUOUS LIGHT BEACONS

V 12-24 (±10%)	==	~ 50/60 Hz	IP 54	°C -30 +50
On ∞	M 12		6 / GLASS	SELF-EXTINGUISHING



BLINDO FARO LF FBD FR

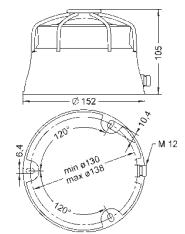
② ①⑤ ①⑦

 LR PAR 36 12 V 30 W 24 V 50 W	V 	12	24
	V 	12	24
	A	2.5	2
	Cd (p)	21000	21000

SEALED BEAM

FBD FR 24 D6

86350



Kg. 0,95



CONTINUOUS LIGHT BEACONS

V ₁₂₋₂₄₋₁₁₀₋₂₃₀₋₂₄₀ (±10%)		V ₁₂₋₂₄₋₄₈ : B _{a15s} LD ¹⁰⁵ / ₁₁₅ / ₂₀₅		V ₁₁₀₋₂₃₀ : E ₁₄ LD ¹⁰⁵ / ₁₁₅ / ₂₀₅		☐	~ 50/60 Hz
IP 54	□	°C -40 +50	On ∞	☛	1 2 3 4 5 6	PC	SELF-EXTINGUISHING



FAROLAMP N LF
FFRL N
FFRL N H

9



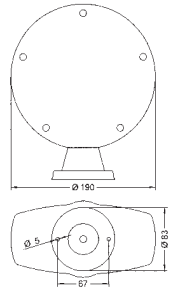
FAROLAMP P LF
FFRL P
FFRL P H

40

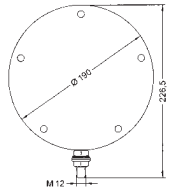
 BA 15s 45W ☐ LR BA 15s 45W E14 40W ~ LR E14S 40W	V ☐	12	24	48	-	-	-
	V ~	12	24	48	110	230	240
	A	3.8	1.9	0.9	0.36	0.18	0.17
	Cd (p)	2000	1500	300	200	200	200

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ☐	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	4000	3600

FFRLN12DA3	81899	FFRLN240DA3	85061
FFRLN24DA1	81900	FFRLN240DA4	85060
FFRLN24DA2	81907	FFRLN240DA5	85063
FFRLN24DA3	81901	FFRLNH12DA2	81909
FFRLN24DA4	81896	FFRLNH24DA3	81912
FFRLN24DA6	81916	FFRLNH24DA4	81913
FFRLN48A2	81904	FFRLNH24DA5	81906
FFRLN48A3	81902	FFRLP12DA2	81905
FFRLN48A4	81903	FFRLP24DA4	85316
FFRLN48A6	81915	FFRLP24DA5	81895
FFRLN110DA2	81911	FFRLP230DA3	85080
FFRLN230DA1	85072	FFRLP230DA4	85081
FFRLN230DA2	85069	FFRLPH12DA6	81897
FFRLN230DA3	85068	FFRLPH24DA3	81893
FFRLN230DA4	85071	FFRLPH24DA4	81894
FFRLN230DA5	85070	FFRLPH24DA6	81898
FFRLN240DA1	85062		



Kg. 0,84



Kg. 0,72

V ₁₂₋₂₄₋₄₈₋₁₁₀₋₂₃₀₋₂₄₀ (±10%)		E ₂₇ LD 205 - 345 - 445 - 545		☐	~ 50/60 Hz	IP 65
°C -40 +60	On ∞	☛	1 2 3 4 5 6	PC	SELF-EXTINGUISHING	



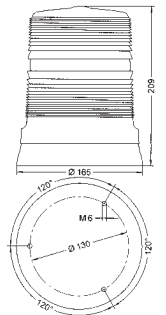
STROBOLAMP N LF
FSTL N
FSTL N H

2

 BA 15s 45W ☐ LR BA 15s 45W E14 40W ~ LR E14S 40W	V ☐	12	24	48	-	-	-
	V ~	12	24	48	110	230	240
	A	3.8	1.9	0.9	0.36	0.18	0.17
	Cd (p)	600	450	300	250	300	250

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ☐	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	1100	1100

FSTLN12DA2	81600	FSTLN48A3	81614	FSTLN230DA2	81604	FSTLNH24DA1	81631
FSTLN24DA1	81628	FSTLN110DA1	81639	FSTLN230DA3	81605	FSTLNH24DA2	81609
FSTLN24DA2	81601	FSTLN110DA2	81607	FSTLN230DA6	81598	FSTLNH24DA3	81608
FSTLN24DA3	81602	FSTLN110DA3	81633	FSTLN240DA2	81613	FSTLNH24DA4	81622
FSTLN24DA5	81615	FSTLN110DA5	81638	FSTLN240DA3	81616	FSTLNH24DA6	81619
FSTLN48A2	81606	FSTLN230DA1	81599	FSTLNH12DA2	81621		



Kg. 1,0



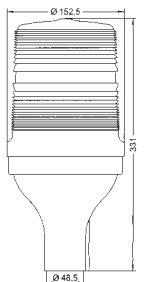
STROBOLAMP AG LF
F STL AG
F STL AG H

7

 BA 15s 45W ☐ LR BA 15s 45W E14 40W ~ LR E14S 40W	V ☐	12	24	48	-	-	-
	V ~	12	24	48	110	230	240
	A	3.8	1.9	0.9	0.36	0.18	0.17
	Cd (p)	600	450	300	250	300	250

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ☐	12	24
	V ~	12	24
	A	4.6	2.9
	Cd (p)	1100	1100

FSTLAG12DA3	81611	FSTLAG230DA4	81612
FSTLAG24DA3	81603	FSTLAG230DA5	81620
FSTLAG48D3	81618	FSTLAG240DA3	81629
FSTLAG230DA3	81610	FSTLAG12DA2	81617



Kg. 1,2



OBSTRUCTION WARNING DEVICES FOR AIR NAVIGATION

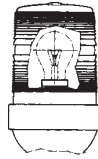
V 12-24-110-230-240 (±10%)		≡	~ 50/60 Hz	IP 65	
°C -40 +60	On ∞		PC	SELF-EXTINGUISHING	



STROBOLAMP AG PA
STL AG PA*
STL AG PA 2H

⑦

* Supplied without bulb

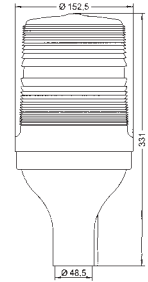


 E 27 100W	V ≡	110	230	240
	V ~			
	A	0.9	0.45	0.42
Cd (p)		700	700	700



	V ≡	12	24
	V ~		
A	4.6	2.9	
Cd (p)		600	600

H1 12V 55W
LR H 55W 12
H1 24V 70W
LR H 70W 24



Kg. 1,2

STLAGPA110DA2	87346	STLAGPA230DA3	87330	STLAGPA240DA3	87332
STLAGPA110DA3	87335	STLAGPA230DA4	87343	STLAGPA240DA4	87338
STLAGPA110DA4	87337	STLAGPA230DA5	87433	STLAGPA240DA5	87431
STLAGPA110DA6	87344	STLAGPA230DA6	87432	STLAGPA240DA6	87348
STLAGPA230DA1	87333	STLAGPA240DA1	87339	STLAGPA2H24DA2	87340
STLAGPA230DA2	87331	STLAGPA240DA2	87334	STLAGPA2H24DA3	87341

V 24 -230 (±10%)		≡	~ 50/60 Hz	IP 65	
°C -40 +60	On ∞		PC	SELF-EXTINGUISHING	

OBSTRUCTION WARNING DEVICES FOR AIR NAVIGATION



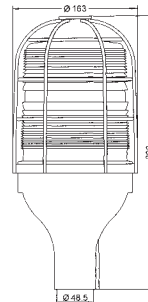
2 STR AG A R A 100W 230V
2STRAGARA

⑦ ⑰

 E 27 100W	V ~	24	230
	A	4.15	0.45
	Cd (p)	200	200

- Peak luminous intensity with red dome

2STRAGARA100W24A3	28055
2STRAGARA100W230A3	28051



Kg. 1,2

V 230 (±10%)	≡	~ 50/60 Hz	On ∞
SELF-EXTINGUISHING	IP 30		
			°C -30 +50



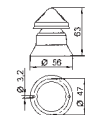
1 STR AG A R A 2H 75W 230V
1STRAGARA2H

⑦ ⑰



BIP OS 93
BIP OS 93

V ≡	24	230
V ~		230
mA	5	5
dB(A)1m	75	75
Hz	4000	4000



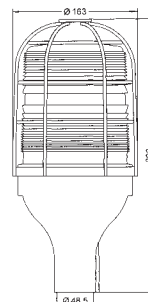
Kg. 0,06

	V ~	24	230
	A	3.15	0.15
	Cd (p)	100	100

Ba 15d 75W H
LR Ba 15d 75W H

- Peak luminous intensity with red dome

1STRAGARA2H24A3	28054
1STRAGARA2H230A3	28052



Kg. 1,2

- Supplied with buzzer BIP OS 93 alerting lamp failure.
- In case of bulb failure the auxiliary bulb automatically comes on.



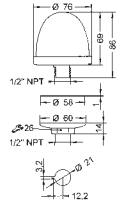
XENON FLASHING BEACONS

V 24 -110 -230 ÷ 240 (±10%)		==	~ 50/60 Hz	J 2	2 F	Flash/min. 2x65±10	
IP 65		°C -30 +40	On ∞		1 2 3 4 5 6	PC	SELF-EXTINGUISHING



**OVOLUX X
OVOX**
⑬

2F	V ==	24	-	-	-
	V ~	24	110	230÷240	
XENON 2J LRX 2J	mA	360	50	60	65
	Cd (p)	200	75	120	150
		100	35	90	100
		300	110	210	250



Kg. 0,15

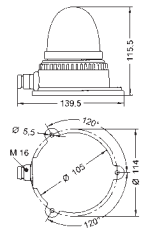
OVOX24DA1	30131	OVOX110A1	30171	OVOX230240A1	30211
OVOX24DA2	30132	OVOX110A2	30172	OVOX230240A2	30212
OVOX24DA3	30133	OVOX110A3	30173	OVOX230240A3	30213
OVOX24DA4	30134	OVOX110A4	30174	OVOX230240A4	30214
OVOX24DA5	30135	OVOX110A5	30175	OVOX230240A5	30215
OVOX24DA6	30136	OVOX110A6	30176	OVOX230240A6	30216



**OVOLUX PG9 X
OVOPG9X**
⑬

M 16

2F	V ==	24	-	-	-
	V ~	24	110	230÷240	
XENON 2J LRX 2J	mA	360	50	60	65
	Cd (p)	200	75	120	150
		100	35	90	100
		300	110	210	250



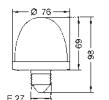
Kg. 0,24

OVOPG9X24DA1	30151	OVOPG9X110A1	30191	OVOPG9X230240A1	30231
OVOPG9X24DA2	30152	OVOPG9X110A2	30192	OVOPG9X230240A2	30232
OVOPG9X24DA3	30153	OVOPG9X110A3	30193	OVOPG9X230240A3	30233
OVOPG9X24DA4	30154	OVOPG9X110A4	30194	OVOPG9X230240A4	30234
OVOPG9X24DA5	30155	OVOPG9X110A5	30195	OVOPG9X230240A5	30235
OVOPG9X24DA6	30156	OVOPG9X110A6	30196	OVOPG9X230240A6	30236



**OVOLUX E X
OVOEX**
⑬

2F	V ==	24	-	-	-
	V ~	24	110	230÷240	
XENON 2J LRX 2J	mA	360	50	60	65
	Cd (p)	200	75	120	150
		100	35	90	100
		300	110	210	250



Kg. 0,10







OVOEX24DA1	31411	OVOEX110A1	31371	OVOEX230240A1	31391
OVOEX24DA2	31412	OVOEX110A2	31372	OVOEX230240A2	31392
OVOEX24DA3	31413	OVOEX110A3	31373	OVOEX230240A3	31393
OVOEX24DA4	31414	OVOEX110A4	31374	OVOEX230240A4	31394
OVOEX24DA5	31415	OVOEX110A5	31375	OVOEX230240A5	31395
OVOEX24DA6	31416	OVOEX110A6	31376	OVOEX230240A6	31396

APPLICATION SYSTEMS



For the part nos. see page 93
Black option available on request

XENON FLASHING BEACONS



V 12÷24-110-230÷240 (±10%)		 50/60 Hz	J 1	Flash/min. 1F: 65±10 - 2F: 2x65±10			
IP 54		°C -30 +40	On 			PC	SELF-EXTINGUISHING

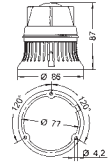


MICROXENOLAMP

MXL 1J 1F

13

1F	V 	12÷24		-	-	-
	V 	110		230÷240		
XENON 1J LRX 1J	mA	200	160	45	40	45
	Cd (p)	350	450	350	750	850



Kg. 0,12

MXL1F1224DA1	64112	MXL1F110A1	64118	MXL1F230240A3	64124
MXL1F1224DA2	64113	MXL1F110A2	64119	MXL1F230240A4	64125
MXL1F1224DA3	64114	MXL1F110A3	64120	MXL1F230240A5	64126
MXL1F1224DA4	64115	MXL1F110A5	64121	MXL1F230240A6	64127
MXL1F1224DA5	64116	MXL1F230240A1	64122		
MXL1F1224DA6	64117	MXL1F230240A2	64123		



Black option available on request

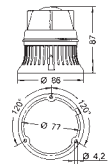


MICROXENOLAMP

MXL 1J 2F

13

2F	V 	12÷24		-	-	-
	V 	110		230÷240		
XENON 1J LRX 1J	mA	200	160	70	60	65
	Cd (p)	350	450	350	750	850



Kg. 0,12

MXL2F1224DA1	64134	MXL2F1224DA6	64139	MXL2F230240A2	64143
MXL2F1224DA2	64135	MXL2F110A2	64140	MXL2F230240A3	64144
MXL2F1224DA3	64136	MXL2F110A3	64141	MXL2F230240A5	64145
MXL2F1224DA4	64137	MXL2F110A5	64142	MXL2F230240A6	64151
MXL2F1224DA5	64138	MXL2F230240A1	64146		



Black option available on request

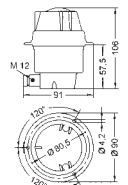


MICROXENOLAMP R

MXL R 1J 1F

13

1F	V 	12÷24		-	-	-
	V 	110		230÷240		
XENON 1J LRX 1J	mA	200	160	45	40	45
	Cd (p)	350	450	350	750	850



Kg. 0,16



MXLR1F1224DA1	64219	MXLR1F110A1	64225	MXLR1F230240A1	64231
MXLR1F1224DA2	64220	MXLR1F110A2	64226	MXLR1F230240A2	64232
MXLR1F1224DA3	64221	MXLR1F110A3	64227	MXLR1F230240A3	64233
MXLR1F1224DA4	64222	MXLR1F110A4	64228	MXLR1F230240A4	64234
MXLR1F1224DA5	64223	MXLR1F110A5	64229	MXLR1F230240A5	64235
MXLR1F1224DA6	64224	MXLR1F110A6	64230	MXLR1F230240A6	64236

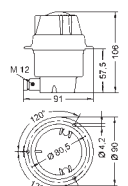


MICROXENOLAMP R

MXL R 1J 2F

13

2F	V 	12÷24		-	-	-
	V 	110		230÷240		
XENON 1J LRX 1J	mA	200	160	70	60	65
	Cd (p)	350	450	350	750	850



Kg. 0,16

MXLR2F1224DA1	64243	MXLR2F110A1	64249	MXLR2F230240A1	64255
MXLR2F1224DA2	64244	MXLR2F110A2	64250	MXLR2F230240A2	64256
MXLR2F1224DA3	64245	MXLR2F110A3	64251	MXLR2F230240A3	64257
MXLR2F1224DA4	64246	MXLR2F110A4	64252	MXLR2F230240A4	64258
MXLR2F1224DA5	64247	MXLR2F110A5	64253	MXLR2F230240A5	64259
MXLR2F1224DA6	64248	MXLR2F110A6	64254	MXLR2F230240A6	64260



XENON FLASHING BEACONS

V 12÷24-110-230÷240 (±10%)		==	~ 50/60 Hz	J 1-2-6	Flash/min. 1F: 65±10 - 2F: 2x65±10							
IP 54		°C -10 +40	On ∞								PC	SELF-EXTINGUISHING

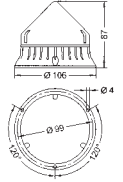


CTL X 900
CTL X 900 1J 1F

13

1F 	V ==	12÷24			-	-	-
	V ~	12÷24			110	230÷240	
	mA	150	80	45	45	45	
	Cd (p)	2000	2000	1000	1000	1000	

CTLX9001J1F1224DA1	64442	CTLX9001J1F110A1	64448	CTLX9001J1F230240A1	64454
CTLX9001J1F1224DA2	64443	CTLX9001J1F110A2	64449	CTLX9001J1F230240A2	64455
CTLX9001J1F1224DA3	64444	CTLX9001J1F110A3	64450	CTLX9001J1F230240A3	64456
CTLX9001J1F1224DA4	64445	CTLX9001J1F110A4	64451	CTLX9001J1F230240A4	64457
CTLX9001J1F1224DA5	64446	CTLX9001J1F110A5	64452	CTLX9001J1F230240A5	64458
CTLX9001J1F1224DA6	64447	CTLX9001J1F110A6	64453	CTLX9001J1F230240A6	64459



Kg. 0,17

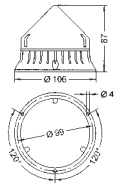


CTL X 900
CTL X 900 1J 2F

13

2F 	V ==	12÷24			-	-	-
	V ~	12÷24			110	230÷240	
	mA	300	250	50	60	65	
	Cd (p)	1500	1650	700	700	700	
		500	600	300	300	300	

CTLX9001J2F1224DA1	64466	CTLX9001J2F110A1	64472	CTLX9001J2F230240A1	64478
CTLX9001J2F1224DA2	64467	CTLX9001J2F110A2	64473	CTLX9001J2F230240A2	64479
CTLX9001J2F1224DA3	64468	CTLX9001J2F110A3	64474	CTLX9001J2F230240A3	64480
CTLX9001J2F1224DA4	64469	CTLX9001J2F110A4	64475	CTLX9001J2F230240A4	64481
CTLX9001J2F1224DA5	64470	CTLX9001J2F110A5	64476	CTLX9001J2F230240A5	64482
CTLX9001J2F1224DA6	64471	CTLX9001J2F110A6	64477	CTLX9001J2F230240A6	64483



Kg. 0,17

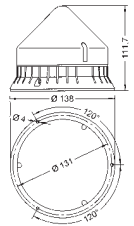


CTL X 1200
CTL X 1200 2J 1F
CTL X 1200 6J 1F

13

1F 	V ==	12÷24			-	-	-
	V ~	12÷24			110	230÷240	
	mA	500	440	80	42	43	
	Cd (p)	2500	2750	1750	2000	2200	
1F 	V ==	12÷24			-	-	-
	V ~	12÷24			110	230÷240	
	A	1.2	1.3	0.35	0.21	0.22	
	Cd (p)	4800	4800	3200	4800	5100	

CTLX12002J1F1224DA1	64484	CTLX12002J1F230240A1	64496	CTLX12006J1F110A1	64530
CTLX12002J1F1224DA2	64485	CTLX12002J1F230240A2	64497	CTLX12006J1F110A2	64531
CTLX12002J1F1224DA3	64486	CTLX12002J1F230240A3	64498	CTLX12006J1F110A3	64532
CTLX12002J1F1224DA4	64487	CTLX12002J1F230240A4	64499	CTLX12006J1F110A4	64533
CTLX12002J1F1224DA5	64488	CTLX12002J1F230240A5	64500	CTLX12006J1F110A5	64534
CTLX12002J1F1224DA6	64489	CTLX12002J1F230240A6	64501	CTLX12006J1F110A6	64535
CTLX12002J1F110A1	64490	CTLX12006J1F1224DA1	64524	CTLX12006J1F230240A1	64536
CTLX12002J1F110A2	64491	CTLX12006J1F1224DA2	64525	CTLX12006J1F230240A2	64537
CTLX12002J1F110A3	64492	CTLX12006J1F1224DA3	64526	CTLX12006J1F230240A3	64538
CTLX12002J1F110A4	64493	CTLX12006J1F1224DA4	64527	CTLX12006J1F230240A4	64539
CTLX12002J1F110A5	64494	CTLX12006J1F1224DA5	64528	CTLX12006J1F230240A5	64540
CTLX12002J1F110A6	64495	CTLX12006J1F1224DA6	64529	CTLX12006J1F230240A6	64541



Kg. 0,3

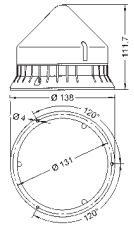


CTL X 1200
CTL X 1200 2J 2F
CTL X 1200 6J 2F

13

2F 	V ==	12÷24			-	-	-
	V ~	12÷24			110	230÷240	
	mA	470	400	95	36	37	
	Cd (p)	800	950	1200	1150	1200	
		500	750	950	700	700	
2F 	V ==	12÷24			-	-	-
	V ~	12÷24			110	230÷240	
	A	1.1	1.3	0.25	0.20	0.21	
	Cd (p)	1750	1750	2000	2600	2850	
		1400	1400	1000	1600	1900	

CTLX12002J2F1224DA1	64508	CTLX12002J2F230240A3	64517	CTLX12006J2F110A2	64554
CTLX12002J2F1224DA2	64509	CTLX12002J2F230240A4	64521	CTLX12006J2F110A3	64555
CTLX12002J2F1224DA3	64510	CTLX12002J2F230240A5	64522	CTLX12006J2F230240A1	64558
CTLX12002J2F1224DA4	64511	CTLX12002J2F230240A6	64523	CTLX12006J2F230240A2	64556
CTLX12002J2F1224DA5	64512	CTLX12006J2F1224DA1	64548	CTLX12006J2F230240A3	64557
CTLX12002J2F1224DA6	64513	CTLX12006J2F1224DA2	64549	CTLX12006J2F230240A4	64561
CTLX12002J2F110A2	64514	CTLX12006J2F1224DA3	64550	CTLX12006J2F230240A5	64562
CTLX12002J2F110A3	64515	CTLX12006J2F1224DA4	64551	CTLX12006J2F230240A6	64563
CTLX12002J2F230240A1	64518	CTLX12006J2F1224DA5	64552		
CTLX12002J2F230240A2	64516	CTLX12006J2F1224DA6	64553		



Kg. 0,3



XENON FLASHING BEACONS

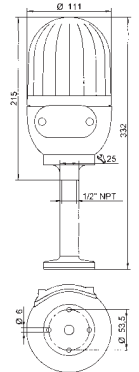
J 2: V 12÷24 -110 -230÷240 (±10%)				J 3/9: V 12÷24 -110÷240 (±10%)				==	~ 50/60 Hz
J 2	J 3/9	IP 65	°C -10 +50	On ∞		1 2 3 4 5 / 6 / PC	SELF-EXTINGUISHING		



BABYFLASH
BABYX2J1F
BABYX2J2F
BABYX3/9J1/4F

1F	V ==	12÷24		-	-	-
	V ~	12÷24		110	230÷240	
	mA	500	440	80	42	43
	Cd (p)	700	1000	1300	1400	1450
	Fl/min	65±10				

2F	V ==	12÷24		-	-	-
	V ~	12÷24		110	230÷240	
	mA	470	400	95	36	37
	Cd (p)	350	400	600	500	550
	Fl/min	2 x 65±10				



2J Kg. 0,55
 3/9J Kg. 0,62

BABYX2J1F1224DA1	26701	BABYX2J2F110A1	26727
BABYX2J1F1224DA2	26702	BABYX2J2F110A2	26728
BABYX2J1F1224DA3	26703	BABYX2J2F110A3	26729
BABYX2J1F1224DA4	26704	BABYX2J2F110A4	26730
BABYX2J1F1224DA5	26705	BABYX2J2F110A5	26731
BABYX2J1F1224DA6	26706	BABYX2J2F110A6	26732
BABYX2J1F110A1	26707	BABYX2J2F230240A1	26733
BABYX2J1F110A2	26708	BABYX2J2F230240A2	26734
BABYX2J1F110A3	26709	BABYX2J2F230240A3	26735
BABYX2J1F110A4	26710	BABYX2J2F230240A4	26736
BABYX2J1F110A5	26711	BABYX2J2F230240A5	26737
BABYX2J1F110A6	26712	BABYX2J2F230240A6	26738
BABYX2J1F230240A1	26713	BABYX39J14F1224DA1	26661
BABYX2J1F230240A2	26714	BABYX39J14F1224DA2	26662
BABYX2J1F230240A3	26715	BABYX39J14F1224DA3	26663
BABYX2J1F230240A4	26716	BABYX39J14F1224DA4	26664
BABYX2J1F230240A5	26717	BABYX39J14F1224DA5	26665
BABYX2J1F230240A6	26718	BABYX39J14F1224DA6	26666
BABYX2J2F1224DA1	26721	BABYX39J14F110240DA1	26671
BABYX2J2F1224DA2	26722	BABYX39J14F110240DA2	26672
BABYX2J2F1224DA3	26723	BABYX39J14F110240DA3	26673
BABYX2J2F1224DA4	26724	BABYX39J14F110240DA4	26674
BABYX2J2F1224DA5	26725	BABYX39J14F110240DA5	26675
BABYX2J2F1224DA6	26726	BABYX39J14F110240DA6	26676

1/4F	V ==	12÷24		110÷230÷240		
	A ==	1.8	1.2	0.35	0.25	0.25
	V ~	12÷24		110÷230÷240		
	A ~	3	2	0.4	0.28	0.28
	Cd(p)	1100	1100	1000	1000	1000
	Flash/min	140 ± 5		95 ± 5		
	Cd(p)	1070	1070	900	900	900
	Flash/min	95 ± 5		65 ± 5		
	Cd(p)	1050	1050	950	850	850
	Flash/min	65 ± 5		55 ± 5		
	Cd(p)	1050	1050	900	900	900
	Flash/min	55 ± 5		45 ± 5		

XENON 3-9J
 LRX 39J

Black option available on request

V 12÷24 -110÷240 (±10%)				==	~ 50/60 Hz	J 3/9	IP 54
°C -30 +40	On ∞	M 16		1 2 3 4 5 / 6 / PC	SELF-EXTINGUISHING		



LAMPALLARM
XENOFRESNEL
P B
LAXPB3/9J1/4F

LAXPB39J14F1224DA1	84681
LAXPB39J14F1224DA2	84682
LAXPB39J14F1224DA3	84683
LAXPB39J14F1224DA4	84684
LAXPB39J14F1224DA5	84685
LAXPB39J14F1224DA6	84686
LAXPB14F110240DA1	84691
LAXPB14F110240DA2	84692
LAXPB14F110240DA3	84693
LAXPB14F110240DA4	84694
LAXPB14F110240DA5	84695
LAXPB14F110240DA6	84696

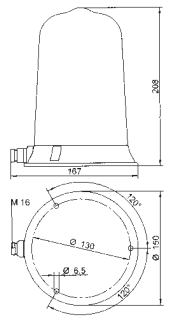


LAMPALLARM
XENOFRESNEL
AL B
LAXALB3/9J1/4F

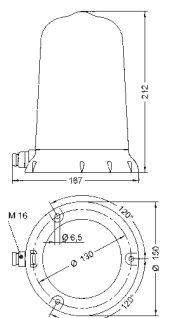
1/4F	V ==	12÷24		110÷230÷240		
	A ==	1.8	1.2	0.35	0.25	0.25
	V ~	12÷24		110÷230÷240		
	A ~	3	2	0.4	0.28	0.28
	Cd(p)	2100	2100	1200	1200	1200
	Flash/min	140 ± 5		95 ± 5		
	Cd(p)	2100	2100	1800	1800	1800
	Flash/min	95 ± 5		65 ± 5		
	Cd(p)	2100	2100	1800	1800	1800
	Flash/min	65 ± 5		55 ± 5		
	Cd(p)	2200	2100	2100	2100	2100
	Flash/min	55 ± 5		45 ± 5		

XENON 3-9J
 LRX 39J

LAXALB39J14F1224DA1	84661	LAXALB14F110240DA1	84671
LAXALB39J14F1224DA2	84662	LAXALB14F110240DA2	84672
LAXALB39J14F1224DA3	84663	LAXALB14F110240DA3	84673
LAXALB39J14F1224DA4	84664	LAXALB14F110240DA4	84674
LAXALB39J14F1224DA5	84665	LAXALB14F110240DA5	84675
LAXALB39J14F1224DA6	84666	LAXALB14F110240DA6	84676



Kg. 0,5



Kg. 0,70

Black option available on request

XENON FLASHING BEACONS

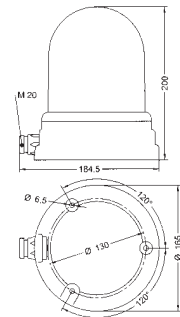
V 12÷24-110-230÷240 (±10%)		==	~ 50/60 Hz	J 2-6	Flash/min. 1F: 65±10 - 2F: 2x65±10							
IP 55	°C -30 +40	On ∞	M 20		1	2	3	4	5	6	PC	SELF-EXTINGUISHING



PG/X/AGR
PGXAGR 2J 1F
PGXAGR 2J 2F

③

1F XENON 2J LRX 2J	V ==	12÷24			-	-	-
	V ~	110			230÷240		
	mA	500	440	80	42	43	
	Cd (p)	500	700	1100	1200	1250	
2F XENON 2J LRX 2J	V ==	12÷24			-	-	-
	V ~	110			230÷240		
	mA	470	400	95	36	37	
	Cd (p)	300	400	600	350	400	
		250	300	500	250	300	



Kg. 0,72

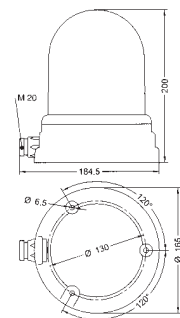
PGXAGR2J1F1224DA1	47361	PGXAGR2J1F230240A1	47371
PGXAGR2J1F1224DA2	47362	PGXAGR2J1F230240A2	47372
PGXAGR2J1F1224DA3	47363	PGXAGR2J1F230240A3	47373
PGXAGR2J1F1224DA5	47365	PGXAGR2J1F230240A4	47374
PGXAGR2J1F1224DA6	47366	PGXAGR2J1F230240A5	47375
		PGXAGR2J1F230240A6	47376



PG/X/AGR
PGXAGR 6J 1F
PGXAGR 6J 2F

③

1F XENON 6J LRX 6J	V ==	12÷24			-	-	-
	V ~	110			230÷240		
	A	1.2	1.3	0.35	0.21	0.22	
	Cd (p)	3000	3000	2000	4500	5000	
2F XENON 6J LRX 6J	V ==	12÷24			-	-	-
	V ~	110			230÷240		
	A	1.1	1.3	0.25	0.20	0.21	
	Cd (p)	1500	2000	980	2000	2250	
		500	1000	600	800	1000	



Kg. 0,72

PGXAGR6J1F1224DA1	47381	PGXAGR6J1F230240A2	47402
PGXAGR6J1F1224DA2	47382	PGXAGR6J1F230240A3	47403
PGXAGR6J1F1224DA3	47383	PGXAGR6J1F230240A4	47404
PGXAGR6J1F1224DA4	47384	PGXAGR6J1F230240A5	47405
PGXAGR6J1F1224DA5	47385	PGXAGR6J1F230240A6	47406
PGXAGR6J1F110A2	47392	PGXAGR6J2F1224DA2	47412
PGXAGR6J1F230240A1	47401		

Black option available on request

V 12÷24-110-230÷240 (±10%)		==	~ 50/60 Hz	J 15-20	Flash/min. 1F: 65±10 - 2F: 2x65±10						
IP 54	°C -30 +40	On ∞	M 20		1	2	3	4	5	6	METHACRYLATE

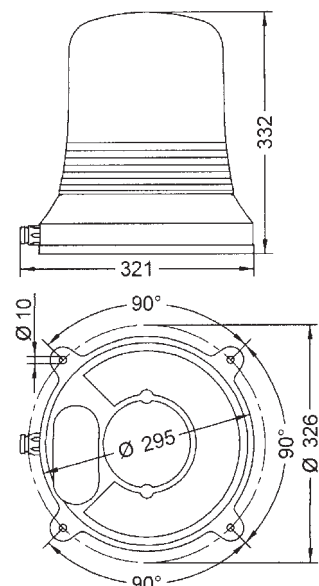
STROBOLUX

STX 15J 1F
STX 20J 2F

⑤ ⑭



1F XENON 15J LRX 15J	V ==	12÷24			-	-	-
	V ~	-	-	110	230÷240		
	A	2.3	1.2	0.10	0.15	0.16	
	Cd (p)	21500	22000	4600	16500	18000	
2F XENON 20J LRX 15J	V ==	12÷24			-	-	-
	V ~	-	-	110	230÷240		
	A	3.9	2.7	0.58	0.77	0.80	
	Cd (p)	26500	26500	5000	17000	17000	
		7500	10000	2000	11000	11000	



STX15J1F1224D3	26112	STX20J2F110A2	26153
STX15J1F110A3	26124	STX20J2F110A3	26154
STX15J1F230240A2	26129	STX20J2F110A6	26157
STX15J1F230240A3	26130	STX20J2F230240A2	26159
STX20J2F1224D2	26141	STX20J2F230240A3	26160
STX20J2F1224D3	26142		



XENON FLASHING BEACONS

V _{12÷24-110-230÷240 (±10%)}		50/60 Hz		J 2-6-15-20 Flash/min. 1F: 65±10 - 2F: 2x65±10	
IP 65	°C -30 +40	On ∞		1 2 3 4 5 6	PC SELF-EXTINGUISHING



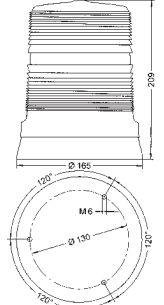
STROBOFLASH N

- STF 2J 1F N
- STF 2J 2F N
- STF 6J 1F N
- STF 6J 2F N
- STF 15J 1F N *
- STF 20J 2F N *

② ⑤

1F XENON 2J LRX 2J	V \equiv	12÷24		-	-	-
	V \sim	110		230÷240		
	mA	500	440	80	42	43
	Cd (p)	1000	1200	2250	2750	3000

2F XENON 2J LRX 2J	V \equiv	12÷24		-	-	-
	V \sim	110		230÷240		
	mA	470	400	95	36	37
	Cd (p)	700	900	900	550	600
		500	700	600	300	350



Kg. 1,5

1F XENON 15J LRX 15J	V \equiv	12÷24		-	-	-
	V \sim	-	-	110	230÷240	
	A	2.3	1.2	0.1	0.15	0.16
	Cd (p)	21500	22000	4600	16500	18000

1F XENON 6J LRX 6J	V \equiv	12÷24		-	-	-
	V \sim	110		230÷240		
	A	1.2	1.3	0.35	0.21	0.22
	Cd (p)	3000	3000	2500	3150	3200

2F XENON 20J LRX 15J	V \equiv	12÷24		-	-	-
	V \sim	-	-	110	230÷240	
	A	3.9	2.7	0.58	0.77	0.80
	Cd (p)	26500	26500	5000	17000	17000
		7500	10000	2000	11000	11000

2F XENON 6J LRX 6J	V \equiv	12÷24		-	-	-
	V \sim	110		230÷240		
	A	1.1	1.3	0.25	0.20	0.21
	Cd (p)	1000	1000	700	2000	2000
		250	700	550	900	950

STF2J1FN1224DA1	22130	STF2J2FN1224DA1	22136	STF6J1FN110A3	87579	STF6J2FN230240A2	22179	STF15J1FN230240A6	87763
STF2J1FN1224DA2	22131	STF2J2FN1224DA2	22137	STF6J1FN110A5	87496	STF15J1FN1224D1	22190	STF20J2FN1224D1	87651
STF2J1FN1224DA3	22132	STF2J2FN1224DA3	22138	STF6J1FN110A6	87547	STF15J1FN1224D2	22191	STF20J2FN1224D2	87650
STF2J1FN1224DA4	22133	STF2J2FN1224DA4	22139	STF6J1FN230240A1	87537	STF15J1FN1224D3	22192	STF20J2FN1224D3	87653
STF2J1FN1224DA5	22134	STF2J2FN1224DA5	22140	STF6J1FN230240A2	87536	STF15J1FN1224D6	22195	STF20J2FN1224D4	87654
STF2J1FN110A1	87511	STF2J2FN1224DA6	22141	STF6J1FN230240A3	87539	STF15J1FN110A1	87648	STF20J2FN1224D5	87655
STF2J1FN110A2	87498	STF2J2FN110A2	22143	STF6J1FN230240A4	87540	STF15J1FN110A2	87656	STF20J2FN1224D6	87652
STF2J1FN110A3	87513	STF2J2FN230240A1	22148	STF6J1FN230240A5	87578	STF15J1FN110A3	87730	STF20J2FN110A2	22203
STF2J1FN110A5	87499	STF2J2FN230240A2	22149	STF6J1FN230240A6	87538	STF15J1FN110A4	87649	STF20J2FN110A3	22204
STF2J1FN110A6	87512	STF2J2FN230240A3	22150	STF6J2FN1224DA2	22167	STF15J1FN110A5	87658	STF20J2FN110A5	22206
STF2J1FN230240A1	87516	STF6J1FN1224DA1	22160	STF6J2FN1224DA3	22168	STF15J1FN110A6	87749	STF20J2FN230240A1	87661
STF2J1FN230240A2	87515	STF6J1FN1224DA2	22161	STF6J2FN110A1	22172	STF15J1FN230240A1	87758	STF20J2FN230240A2	87660
STF2J1FN230240A3	87518	STF6J1FN1224DA3	22162	STF6J2FN110A2	22173	STF15J1FN230240A2	87760	STF20J2FN230240A3	87663
STF2J1FN230240A4	87495	STF6J1FN1224DA5	22164	STF6J2FN110A3	22174	STF15J1FN230240A3	87759	STF20J2FN230240A4	87664
STF2J1FN230240A5	87520	STF6J1FN110A1	87543	STF6J2FN110A5	22176	STF15J1FN230240A4	87761	STF20J2FN230240A5	87657
STF2J1FN230240A6	87514	STF6J1FN110A2	87548	STF6J2FN230240A1	22178	STF15J1FN230240A5	87762	STF20J2FN230240A6	87662

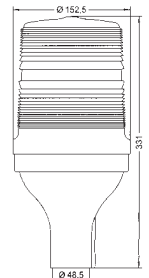


STROBOFLASH AG

- STF 2J 1F AG
- STF 2J 2F AG
- STF 6J 1F AG
- STF 6J 2F AG
- STF 15J 1F AG *
- STF 20J 2F AG *

⑤ ⑦

STF2J1FAG1224DA2	22221	STF6J1FAG1224DA4	22220	STF15J1FAG230240A3	87768
STF2J1FAG1224DA3	22222	STF6J1FAG1224DA5	22254	STF15J1FAG230240A4	87769
STF2J1FAG1224DA6	22225	STF6J1FAG110A5	87565	STF15J1FAG230240A5	87770
STF2J1FAG110A1	87561	STF6J1FAG230240A1	87591	STF15J1FAG230240A6	87771
STF2J1FAG110A2	87560	STF6J1FAG230240A2	87590	STF20J2FAG1224D1	87671
STF2J1FAG110A3	87563	STF6J1FAG230240A3	87593	STF20J2FAG1224D2	87670
STF2J1FAG110A4	87564	STF6J1FAG230240A4	87555	STF20J2FAG1224D3	87673
STF2J1FAG110A6	87562	STF6J1FAG230240A5	87597	STF20J2FAG1224D4	87674
STF2J1FAG230240A1	87572	STF6J1FAG230240A6	87592	STF20J2FAG1224D5	87669
STF2J1FAG230240A2	87570	STF6J2FAG1224DA2	22257	STF20J2FAG1224D6	87672
STF2J1FAG230240A3	87568	STF6J2FAG110A2	22263	STF20J2FAG110A1	87677
STF2J1FAG230240A4	87569	STF6J2FAG230240A2	22269	STF20J2FAG110A2	22293
STF2J1FAG230240A5	87566	STF15J1FAG1224D2	22281	STF20J2FAG110A3	87676
STF2J1FAG230240A6	87567	STF15J1FAG1224D3	22282	STF20J2FAG110A5	87675
STF2J2FAG1224DA2	22227	STF15J1FAG1224D5	22284	STF20J2FAG230240A1	87681
STF2J2FAG1224DA5	22230	STF15J1FAG1224D6	22285	STF20J2FAG230240A2	87680
STF2J2FAG110A2	22233	STF15J1FAG110A1	87717	STF20J2FAG230240A3	87683
STF2J2FAG110A5	22236	STF15J1FAG110A2	87757	STF20J2FAG230240A4	87684
STF2J2FAG230240A2	22239	STF15J1FAG110A5	87765	STF20J2FAG230240A5	87679
STF6J1FAG1224DA2	22251	STF15J1FAG230240A1	87766	STF20J2FAG230240A6	87682
STF6J1FAG1224DA3	22252	STF15J1FAG230240A2	87767		



Kg. 1,66

* 110-230-240 V with safety thermal switch: in case of excessive overheating the power supply is cut off

XENON FLASHING BEACONS

V 12÷24-110-230÷240 (±10%)		50/60 Hz		J 2-6		Flash/min. 1F: 65±10 - 2F: 2x65±10					
IP 54	°C -30 +40	On ∞		1	2	3	4	5	6	PC	SELF-EXTINGUISHING



FAROLAMP XENO N

FRX 2J 1F N
FRX 2J 2F N
FRX 6J 1F N
FRX 6J 2F N

9

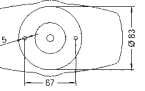
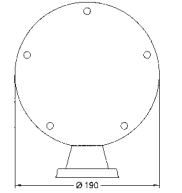


FAROLAMP XENO P

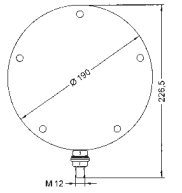
FRX 2J 1F P
FRX 2J 2F P
FRX 6J 1F P
FRX 6J 2F P

40

1F XENON 2J LRX 2J	V	12÷24		-	-	-
	V	110		230÷240		
	mA	500	440	80	42	43
	Cd (p)	1800	2500	3000	4500	5000
2F XENON 2J LRX 2J	V	12÷24		-	-	-
	V	110		230÷240		
	mA	470	400	95	36	37
	Cd (p)	1250	1600	1500	1600	1700
		750	1150	900	1000	1100
1F XENON 6J LRX 6J	V	12÷24		-	-	-
	V	110		230÷240		
	mA	900	450	80	120	120
	Cd (p)	8000	8000	6000	11000	12300
2F XENON 6J LRX 6J	V	12÷24		-	-	-
	V	110		230÷240		
	A	1.4	1.2	0.18	0.13	0.14
	Cd (p)	1900	2000	1200	2000	2200
		800	1500	900	1000	1200



Kg. 0,96



Kg. 0,72

FRX2J1FN1224DA2	21891	FRX2J1FN230240A6	85138	FRX6J1FN110A2	85373	FRX6J2FN110A2	21963	FRX2J1FP230240A2	84981	FRX6J1FP110A2	84984
FRX2J1FN1224DA3	21892	FRX2J2FN1224DA2	21897	FRX6J1FN110A3	85031	FRX6J2FN110A3	21964	FRX2J1FP230240A3	85284	FRX6J1FP110A3	85144
FRX2J1FN1224DA5	21894	FRX2J2FN1224DA3	21898	FRX6J1FN110A5	85032	FRX6J2FN230240A2	21969	FRX2J1FP230240A4	85358	FRX6J1FP230240A1	84980
FRX2J1FN110A2	84952	FRX2J2FN110A2	21903	FRX6J1FN110A3A	85042	FRX6J2FN230240A3	21970	FRX2J1FP230240A5	84948	FRX6J1FP230240A2	84979
FRX2J1FN110A3	85252	FRX2J2FN230240A2	21909	FRX6J1FN230240A1	85051	FRX2J2FP1224DA1	21920	FRX2J2FP1224DA2	21927	FRX6J1FP230240A3	84982
FRX2J1FN110A4	85352	FRX2J2FN230240A3	21910	FRX6J1FN230240A2	84971	FRX2J2FP1224DA2	21921	FRX2J2FP110A2	21933	FRX6J1FP230240A5	84995
FRX2J1FN110A5	85255	FRX2J2FN230240A5	21912	FRX6J1FN230240A3	85271	FRX2J2FP1224DA3	21922	FRX2J2FP110A3	21934	FRX6J1FP230240A6	85148
FRX2J1FN110A6	85137	FRX6J1FN1224DA1	84969	FRX6J1FN230240A4	85371	FRX2J2FP1224DA4	21923	FRX2J2FP230240A2	21939	FRX6J1FP230240A26	84983
FRX2J1FN230240A1	85038	FRX6J1FN1224DA2	84970	FRX6J1FN230240A5	84992	FRX2J2FP1224DA5	21924	FRX2J2FP230240A3	21940	FRX6J1FP230240A23	85055
FRX2J1FN230240A2	84953	FRX6J1FN1224DA3	85044	FRX6J1FN230240A6	85151	FRX2J1FP110A1	84944	FRX6J1FP1224DA2	84978	FRX6J2FP1224DA2	21987
FRX2J1FN230240A3	85253	FRX6J1FN1224DA4	85370	FRX6J1FN230240A21	85043	FRX2J1FP110A2	84943	FRX6J1FP1224DA3	85033	FRX6J2FP1224DA3	21988
FRX2J1FN230240A4	85353	FRX6J1FN1224DA5	84968	FRX6J2FN1224DA2	21957	FRX2J1FP110A3	85348	FRX6J1FP1224DA5	85037	FRX6J2FP230240A2	21999
FRX2J1FN230240A5	85356	FRX6J1FN1224DA6	85150	FRX6J2FN1224DA3	21958	FRX2J1FP110A6	84947	FRX6J1FP1224DA6	84977	FRX6J2FP230240A3	22000

V 12-24-110-230÷240 (±10%)		50/60 Hz		J 2-6		Flash/min. 1F: 65±10 - 2F: 2x65±10					
IP 54	°C -30 +40	On ∞		1	2	3	4	5	6	PC	SELF-EXTINGUISHING

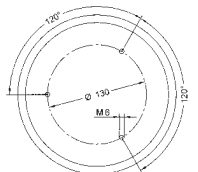
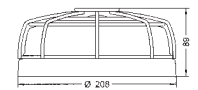


BLINDO FLATFLASH

BD FTF 2J 1F
BD FTF 2J 2F
BD FTF 6J 1F

14 17

1F XENON 2J LRX 2J	V	12÷24		-	-	-
	V	110		230÷240		
	mA	500	440	80	42	43
	Cd (p)	1800	2500	3000	4500	5000
2F XENON 2J LRX 2J	V	12÷24		-	-	-
	V	110		230÷240		
	mA	470	400	95	36	37
	Cd (p)	1250	1600	1500	1600	1700
		750	1150	900	1000	1100
1F XENON 6J LRX 6J	V	12	24	-	-	-
	V	-	-	110	230÷240	
	mA	900	450	80	120	120
	Cd (p)	8000	8000	6000	11000	12300



Kg. 1,1

BDFTF2J1F1224DA2	22407	BDFTF2J1F230240A1	86226	BDFTF2J2F230240A2	22425	BDFTF6J1F24D2	86215	BDFTF6J1F230240A1	86241
BDFTF2J1F1224DA3	22408	BDFTF2J1F230240A2	86225	BDFTF6J1F12D1	86206	BDFTF6J1F24D3	86218	BDFTF6J1F230240A2	86230
BDFTF2J1F1224DA5	22410	BDFTF2J1F230240A3	86228	BDFTF6J1F12D2	86205	BDFTF6J1F24D4	86219	BDFTF6J1F230240A3	86233
BDFTF2J1F1224DA6	22411	BDFTF2J1F230240A5	86247	BDFTF6J1F12D3	86208	BDFTF6J1F24D5	86245	BDFTF6J1F230240A4	86234
BDFTF2J1F110A1	86221	BDFTF2J1F230240A6	86227	BDFTF6J1F12D4	86209	BDFTF6J1F24D6	86217	BDFTF6J1F230240A5	86231
BDFTF2J1F110A3	86223	BDFTF2J2F1224DA2	22413	BDFTF6J1F12D5	86195	BDFTF6J1F110A2	86199	BDFTF6J1F230240A6	86229
BDFTF2J1F110A4	86224	BDFTF2J2F1224DA3	22414	BDFTF6J1F12D6	86207	BDFTF6J1F110A3	86198		
BDFTF2J1F110A6	86222	BDFTF2J2F110A2	22419	BDFTF6J1F24D1	86216	BDFTF6J1F110A5	86196		

XENON FLASHING BEACONS

V 12÷24-110-230÷240 (±10%)	== ~ 50/60 Hz	J 2-6	Flash/min. 1F: 65±10 - 2F: 2x65±10		
IP 67	°C -30 +40	On ∞		1 2 3 4 5 6	PC SELF-EXTINGUISHING

WATERPROOF BEACON



LAMPALLARM XENOFRESNEL STAGNO

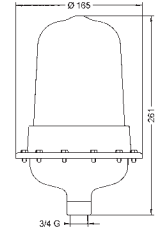
ST LA XFR 2J 1F
ST LA XFR 2J 2F
ST LA XFR 6J 1F
ST LA XFR 6J 2F

⑩

STAINLESS STEEL

1F XENON 2J LRX 2J	V ==	12÷24			-	-	-
	V ~	110			230÷240		
	mA	500	440	80	42	43	
	Cd (p)	500	700	1100	1200	1250	

2F XENON 2J LRX 2J	V ==	12÷24			-	-	-
	V ~	110			230÷240		
	mA	470	400	95	36	37	
	Cd (p)	300	400	600	350	400	



Kg. 1,53

2F XENON 6J LRX 6J	V ==	12÷24			-	-	-
	V ~	110			230÷240		
	A	1.1	1.3	0.25	0.20	0.21	
	Cd (p)	1500	2000	980	2000	2250	

1F XENON 6J LRX 6J	V ==	12÷24			-	-	-
	V ~	110			230÷240		
	A	1.2	1.3	0.35	0.21	0.22	
	Cd (p)	3000	4000	2000	4500	5000	

STLAXFR2J1F1224DA2 22035	STLAXFR2J2F1224DA2 22041	STLAXFR6J1F110A2 91528	STLAXFR6J1F230240A6 91519
STLAXFR2J1F110A2 91525	STLAXFR2J2F110A2 22047	STLAXFR6J1F230240A1 91527	STLAXFR6J2F1224DA1 22070
STLAXFR2J1F230240A2 91514	STLAXFR2J2F230240A2 22053	STLAXFR6J1F230240A2 91517	STLAXFR6J2F1224DA2 22071
STLAXFR2J1F230240A3 91526	STLAXFR6J1F1224DA2 22065	STLAXFR6J1F230240A3 91524	STLAXFR6J2F1224DA3 22072
STLAXFR2J1F230240A5 91530	STLAXFR6J1F1224DA3 22066	STLAXFR6J1F230240A4 91523	STLAXFR6J2F110A2 22077
STLAXFR2J1F230240A6 91529	STLAXFR6J1F1224DA5 22068	STLAXFR6J1F230240A5 91520	STLAXFR6J2F230240A2 22083

V 12 (14.5)	Recharging voltage	==	Flash/min. 1F: 65±10	IP 54	°C -10 +40
(Batt.: 12 V - 7 Ah)			1 2 3 4 5 6	PC	SELF-EXTINGUISHING

BATTERY OPERATED BEACONS

SUPPLIED WITHOUT BATTERY



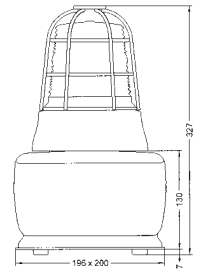
BLINDOFLASH A

A BDF 2J
A BDF 6J

⑥



XENON 2J LRX 2J 	V ==	12
	A	0.5
	Cd (p)	700
	On: 9 h	
XENON 6J LRX 6J 	V ==	12
	A	1
	Cd (p)	2600
	On: 7 h	



Kg. 2,37

ABDF2J12D1 89602	ABDF2J12D5 89603	ABDF6J12D5 89607
ABDF2J12D2 89600	ABDF6J12D2 89606	
ABDF2J12D3 89601	ABDF6J12D3 89604	



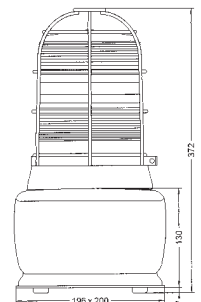
STROBOFLASH A

A STF 6J

⑥



XENON 6J LRX 6J 	V ==	12
	A	1
	Cd (p)	3000
	On: 7 h	



Kg. 2,77

ASTF6J1F12D1 89713	ASTF6J1F12D4 89715
ASTF6J1F12D2 89712	ASTF6J1F12D5 89711
ASTF6J1F12D3 89710	



DOUBLE WARNING SIGNALS - AUDIBLE/VISUAL

V 12-24-48-110-230-240 (±10%)	==	~ 50/60 Hz	Flash/min. 0-130±20	IP 30	
	°C -30 +50	On ∞		1 2 3 4 5 6 / PC	SELF-EXTINGUISHING

FLASHING (AND CONTINUOUS) LIGHT - INTERMITTENT (AND CONTINUOUS) SOUND

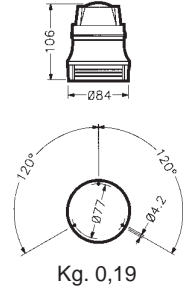


MICROLAMP A FCL
ML A FCL

Ⓜ

	V ==	12	24	48	-	-	-
	V ~				110	230	240
	mA	420	215	105	45	21	20
	Cd (p)	25	18	8	3	2	2
	dB(A)1m	75	75	75	75	75	75
	Hz 2700	--- F/m 130			— F/m 0		

Bd 15d 5W
LR Ba 15d 5W



MLAFCL12DA1	79721	MLAFCL24DA4	79734	MLAFCL110A1	79751	MLAFCL230A4	79764
MLAFCL12DA2	79722	MLAFCL24DA5	79735	MLAFCL110A2	79752	MLAFCL230A5	79765
MLAFCL12DA3	79723	MLAFCL24DA6	79736	MLAFCL110A3	79753	MLAFCL230A6	79766
MLAFCL12DA4	79724	MLAFCL48DA1	79741	MLAFCL110A4	79754	MLAFCL240A1	79771
MLAFCL12DA5	79725	MLAFCL48DA2	79742	MLAFCL110A5	79755	MLAFCL240A2	79772
MLAFCL12DA6	79726	MLAFCL48DA3	79743	MLAFCL110A6	79756	MLAFCL240A3	79773
MLAFCL24DA1	79731	MLAFCL48DA4	79744	MLAFCL230A1	79761	MLAFCL240A4	79774
MLAFCL24DA2	79732	MLAFCL48DA5	79745	MLAFCL230A2	79762	MLAFCL240A5	79775
MLAFCL24DA3	79733	MLAFCL48DA6	79746	MLAFCL230A3	79763	MLAFCL240A6	79776

V 12÷24-110-230÷240 (±10%)	==	~ 50/60 Hz	J 1	Flash/min. 1F: 65±10 - 2F: 2x65±10	IP 30			°C -30 +40	On ∞		1 2 3 4 5 6 / PC	SELF-EXTINGUISHING
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XENON FLASHING BEACONS - INTERMITTENT SOUND

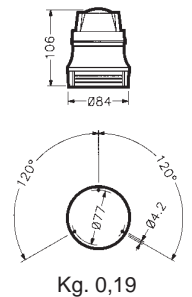


MICROXENOLAMP A
MXL A 1J 1F

Ⓜ

	1F	V ==	12÷24		-	-	-
		V ~			110	230÷240	
		mA	205	165	50	45	50
		Cd (p)	350	450	350	750	850
		dB(A)1m	60	60	60	60	60
		Hz 4200	--- F/m 65				

XENON 1J
LRX 1J



MXLA1F1224DA2	91661	MXLA1F110A3	91674
MXLA1F1224DA3	91662	MXLA1F110A5	91676
MXLA1F1224DA4	91663	MXLA1F230240A2	91679
MXLA1F1224DA5	91664	MXLA1F230240A3	91680
MXLA1F1224DA6	91665	MXLA1F230240A4	91681
MXLA1F110A2	91673	MXLA1F230240A5	91682

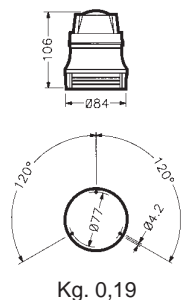


MICROXENOLAMP A
MXL A 1J 2F

Ⓜ

	2F	V ==	12÷24		-	-	-
		V ~			110	230÷240	
		mA	205	165	75	65	70
		Cd (p)	350	450	350	750	850
			300	300	200	600	700
		dB(A)1m	60	60	60	60	60

XENON 1J
LRX 1J



MXLA2F1224DA1	91690	MXLA2F110A5	91706
MXLA2F1224DA2	91691	MXLA2F230240A1	91714
MXLA2F1224DA3	91692	MXLA2F230240A2	91709
MXLA2F1224DA4	91693	MXLA2F230240A3	91710
MXLA2F1224DA5	91694	MXLA2F230240A4	91717
MXLA2F1224DA6	91695	MXLA2F230240A5	91712
MXLA2F110A2	91703	MXLA2F230240A6	91719
MXLA2F110A3	91704		

Black option available on request

DOUBLE WARNING SIGNALS - AUDIBLE/VISUAL

V 12-24-48-110-230-240 ($\pm 10\%$)	==	~ 50/60 Hz	Flash/min. 110 \pm 20-0	IP 30	
---	°C -30 +50	On ∞		1 2 3 4 5 6	PC
FLASHING (AND CONTINUOUS) LIGHT - INTERMITTENT (AND CONTINUOUS) SOUND				SELF-EXTINGUISHING	

FLASHING (AND CONTINUOUS) LIGHT - INTERMITTENT (AND CONTINUOUS) SOUND

CTLA 600 FCL
CTLA 600 FCL

(8)

 <small>Ba 15d 5W</small> <small>LR Ba 15d 5W</small>	V ==	12	24	48	-	-	-
	V ~	110	230	240			
	mA	430	220	110	50	25	25
	Cd (p)	30	30	10	3	3	3
	dB(A)1m	65	65	65	65	65	65
	Hz 3600	--- F/m 110		— F/m 0			
		Kg. 0,075					

CTLA600FCL12DA1 33651	CTLA600FCL24DA1 33661	CTLA600FCL48DA1 33671	CTLA600FCL110A1 33681	CTLA600FCL230A1 33691	CTLA600FCL240A1 33701
CTLA600FCL12DA2 33652	CTLA600FCL24DA2 33662	CTLA600FCL48DA2 33672	CTLA600FCL110A2 33682	CTLA600FCL230A2 33692	CTLA600FCL240A2 33702
CTLA600FCL12DA3 33653	CTLA600FCL24DA3 33663	CTLA600FCL48DA3 33673	CTLA600FCL110A3 33683	CTLA600FCL230A3 33693	CTLA600FCL240A3 33703
CTLA600FCL12DA4 33654	CTLA600FCL24DA4 33664	CTLA600FCL48DA4 33674	CTLA600FCL110A4 33684	CTLA600FCL230A4 33694	CTLA600FCL240A4 33704
CTLA600FCL12DA5 33655	CTLA600FCL24DA5 33665	CTLA600FCL48DA5 33675	CTLA600FCL110A5 33685	CTLA600FCL230A5 33695	CTLA600FCL240A5 33705
CTLA600FCL12DA6 33656	CTLA600FCL24DA6 33666	CTLA600FCL48DA6 33676	CTLA600FCL110A6 33686	CTLA600FCL230A6 33696	CTLA600FCL240A6 33706

CTLA 900 FCL
CTLA 900 FCL

(8)

 <small>Ba 15d 10W</small> <small>LR Ba 15d 10W</small>	V ==	12	24	48	-	-	-
	V ~	110	230	240			
	mA	850	440	210	90	45	43
	Cd (p)	160	150	140	20	30	30
	dB(A)1m	72	72	72	72	72	72
	Hz 2700	--- F/m 110		— F/m 0			
		Kg. 0,16					

CTLA900FCL12DA1 33711	CTLA900FCL24DA1 33721	CTLA900FCL48DA1 33731	CTLA900FCL110A1 33741	CTLA900FCL230A1 33751	CTLA900FCL240A1 33761
CTLA900FCL12DA2 33712	CTLA900FCL24DA2 33722	CTLA900FCL48DA2 33732	CTLA900FCL110A2 33742	CTLA900FCL230A2 33752	CTLA900FCL240A2 33762
CTLA900FCL12DA3 33713	CTLA900FCL24DA3 33723	CTLA900FCL48DA3 33733	CTLA900FCL110A3 33743	CTLA900FCL230A3 33753	CTLA900FCL240A3 33763
CTLA900FCL12DA4 33714	CTLA900FCL24DA4 33724	CTLA900FCL48DA4 33734	CTLA900FCL110A4 33744	CTLA900FCL230A4 33754	CTLA900FCL240A4 33764
CTLA900FCL12DA5 33715	CTLA900FCL24DA5 33725	CTLA900FCL48DA5 33735	CTLA900FCL110A5 33745	CTLA900FCL230A5 33755	CTLA900FCL240A5 33765
CTLA900FCL12DA6 33716	CTLA900FCL24DA6 33726	CTLA900FCL48DA6 33736	CTLA900FCL110A6 33746	CTLA900FCL230A6 33756	CTLA900FCL240A6 33766

CTLA 1200 FCL
CTLA 1200 FCL

(8)

 <small>Ba 15d 25W</small> <small>LR Ba 15d 25W</small>	V ==	12	24	48	-	-	-
	V ~	110	230	240			
	A	2.2	1.06	0.52	0.22	0.10	0.10
	Cd (p)	450	500	500	50	80	80
	dB(A)1m	85	85	85	85	85	85
	Hz 3600	--- F/m 110		— F/m 0			
		Kg. 0,29					

CTLA1200FCL12DA1 33771	CTLA1200FCL24DA3 33783	CTLA1200FCL48DA5 33795	CTLA1200FCL230A1 33811	CTLA1200FCL240A3 33823
CTLA1200FCL12DA2 33772	CTLA1200FCL24DA4 33784	CTLA1200FCL48DA6 33796	CTLA1200FCL230A2 33812	CTLA1200FCL240A4 33824
CTLA1200FCL12DA3 33773	CTLA1200FCL24DA5 33785	CTLA1200FCL110A1 33801	CTLA1200FCL230A3 33813	CTLA1200FCL240A5 33825
CTLA1200FCL12DA4 33774	CTLA1200FCL24DA6 33786	CTLA1200FCL110A2 33802	CTLA1200FCL230A4 33814	CTLA1200FCL240A6 33826
CTLA1200FCL12DA5 33775	CTLA1200FCL48DA1 33791	CTLA1200FCL110A3 33803	CTLA1200FCL230A5 33815	
CTLA1200FCL12DA6 33776	CTLA1200FCL48DA2 33792	CTLA1200FCL110A4 33804	CTLA1200FCL230A6 33816	
CTLA1200FCL24DA1 33781	CTLA1200FCL48DA3 33793	CTLA1200FCL110A5 33805	CTLA1200FCL240A1 33821	
CTLA1200FCL24DA2 33782	CTLA1200FCL48DA4 33794	CTLA1200FCL110A6 33806	CTLA1200FCL240A2 33822	

V 12÷24-110-230÷240 ($\pm 10\%$)	==	~ 50/60 Hz	J 1	Flash/min. 1F: 65 \pm 10 - 2F: 2x65 \pm 10				
IP 30		---	°C -10 +40	On ∞		1 2 3 4 5 6	PC	SELF-EXTINGUISHING

XENON FLASHING BEACONS - INTERMITTENT SOUND

CTL XA 900
CTL XA 900 1J 1F
CTL XA 900 1J 2F

(8)

 <small>XENON 1J</small> <small>LRX 1J</small>	1F	V ==	12÷24			-	-	-
		V ~	110			230÷240		
		mA	155	85	50	50	50	
		Cd (p)	2000	2000	1000	1000	1000	
		dB(A)1m	72	72	72	72	72	
		Hz 3800	--- F/m 65					
			Kg. 0,18					

CTLXA9001J1F1224DA2 27567	CTLXA9001J1F230240A1 27139	CTLXA9001J1F110A1 27133	CTLXA9001J1F230240A5 27615
CTLXA9001J1F1224DA3 27568	CTLXA9001J1F230240A2 27140	CTLXA9001J1F110A2 27134	
CTLXA9001J1F1224DA4 27569	CTLXA9001J1F230240A3 27141	CTLXA9001J1F110A3 27135	
CTLXA9001J1F1224DA5 27570	CTLXA9001J1F230240A4 27142	CTLXA9001J1F110A4 27136	
CTLXA9001J1F1224DA6 27571	CTLXA9001J1F230240A5 27143	CTLXA9001J1F110A5 27137	
CTLXA9001J1F110A1 27133	CTLXA9001J2F1224DA3 27601	CTLXA9001J1F110A2 27134	
CTLXA9001J1F110A2 27134	CTLXA9001J2F1224DA4 27602	CTLXA9001J1F110A3 27135	
CTLXA9001J1F110A3 27135	CTLXA9001J2F230240A2 27612	CTLXA9001J1F110A4 27136	
CTLXA9001J1F110A4 27136	CTLXA9001J2F230240A5 27615	CTLXA9001J1F110A5 27137	
CTLXA9001J1F110A5 27137		CTLXA9001J1F110A6 27138	
CTLXA9001J1F110A6 27138			



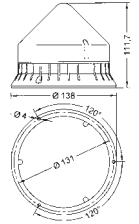
DOUBLE WARNING SIGNALS - AUDIBLE/VISUAL

V 12÷24-110-230÷240 (±10%)		==	~ 50/60 Hz	J 2-6	Flash/min. 1F: 65±10 - 2F: 2x65±10		
IP 30			°C -10 +40	On ∞		1 2 3 4 5 6	PC SELF-EXTINGUISHING



CTL XA 1200
CTLXA12002J1F
CTLXA12002J2F
CTLXA12006J1F
CTLXA12006J2F

8



Kg. 0,32

1F	V ==	12÷24		-	-	-
	V ~	12÷24		110	230÷240	
	mA	505	445	85	47	48
	Cd (p)	2500	2750	1750	2000	2200
	dB(A)1m	75	75	72	68	68
	Hz	3700		F/m 65		

1F	V ==	12÷24		-	-	-
	V ~	12÷24		110	230÷240	
	A	1.2	1.3	0.35	0.21	0.22
	Cd (p)	4800	4800	3200	4800	5100
	dB(A)1m	80	80	75	72	72
	Hz	3700		F/m 65		

2F	V ==	12÷24		-	-	-
	V ~	12÷24		110	230÷240	
	mA	470	400	100	40	42
	Cd (p)	800	950	1200	1150	1200
		500	750	950	700	700
	dB(A)1m	75	75	72	68	68
Hz	3700		F/m 65			

2F	V ==	12÷24		-	-	-
	V ~	12÷24		110	230÷240	
	mA	1.1	1.3	0.25	0.20	0.21
	Cd (p)	1750	1750	2000	2600	2850
		1400	1400	1000	1600	1900
	dB(A)1m	80	80	75	72	72
Hz	3700		F/m 65			

CTLXA12002J1F1224DA1	27456	CTLXA12002J2F1224DA3	27506	CTLXA12006J1F1224DA3	27482	CTLXA12006J2F1224DA5	27532
CTLXA12002J1F1224DA2	27457	CTLXA12002J2F1224DA5	27508	CTLXA12006J1F110A2	27487	CTLXA12006J2F1224DA6	27533
CTLXA12002J1F1224DA3	27458	CTLXA12002J2F110A2	27511	CTLXA12006J1F110A3	27488	CTLXA12006J2F110A2	27535
CTLXA12002J1F1224DA5	27460	CTLXA12002J2F110A3	27512	CTLXA12006J1F2302402	27493	CTLXA12006J2F110A3	27536
CTLXA12002J1F110A1	27462	CTLXA12002J2F2302401	27522	CTLXA12006J1F2302403	27494	CTLXA12006J2F2302401	27546
CTLXA12002J1F110A2	27463	CTLXA12002J2F2302402	27517	CTLXA12006J1F2302404	27495	CTLXA12006J2F2302402	27541
CTLXA12002J1F110A3	27464	CTLXA12002J2F2302403	27518	CTLXA12006J1F2302405	27496	CTLXA12006J2F2302403	27542
CTLXA12002J1F2302402	27469	CTLXA12002J2F2302404	27525	CTLXA12006J2F1224DA1	27528	CTLXA12006J2F2302404	27549
CTLXA12002J1F2302403	27470	CTLXA12002J2F2302405	27526	CTLXA12006J2F1224DA2	27529	CTLXA12006J2F2302405	27550
CTLXA12002J1F2302406	27479	CTLXA12002J2F2302406	27527	CTLXA12006J2F1224DA3	27530	CTLXA12006J2F2302406	27551
CTLXA12002J2F1224DA2	27505	CTLXA12006J1F1224DA2	27481	CTLXA12006J2F1224DA4	27531		

V 24-48-110-240 (±10%)		==	~ 50/60 Hz	Flash/min. 150±20			IP 30		
°C -30+50	On ∞	Hz (==) 650±50	Hz (~) 300÷7000		1 2 3 4 5 6	PC SELF-EXTINGUISHING			

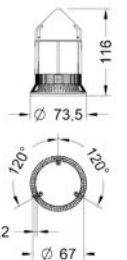


LD 85 SLH
LD85SLH

13

V ==	24	48
mA	110	85
dB(A)1m	84	84
Hz	650 ± 50	

V ~	24	48	110	240
mA	260	145	50	40
dB(A)1m	86	86	86	86
Hz	300 ÷ 7000			



Kg. 0,20

LD85SLH24D1	65961	LD85SLH24A4	66284	LD85SLH48A1	66291	LD85SLH110A4	65984
LD85SLH24D2	65962	LD85SLH24A5	66285	LD85SLH48A2	66292	LD85SLH110A5	65985
LD85SLH24D3	65963	LD85SLH24A6	66286	LD85SLH48A3	66293	LD85SLH110A6	65986
LD85SLH24D4	65964	LD85SLH48D1	65971	LD85SLH48A4	66294	LD85SLH240A1	65991
LD85SLH24D5	65965	LD85SLH48D2	65972	LD85SLH48A5	66295	LD85SLH240A2	65992
LD85SLH24D6	65966	LD85SLH48D3	65973	LD85SLH48A6	66296	LD85SLH240A3	65993
LD85SLH24A1	66281	LD85SLH48D4	65974	LD85SLH110A1	65981	LD85SLH240A4	65994
LD85SLH24A2	66282	LD85SLH48D5	65975	LD85SLH110A2	65982	LD85SLH240A5	65995
LD85SLH24A3	66283	LD85SLH48D6	65976	LD85SLH110A3	65983	LD85SLH240A6	65996

DOUBLE WARNING SIGNALS - AUDIBLE/VISUAL

V 12-24-48-110-240 (±10%)	==	~ 50/60 Hz	Ba 15d-5w-10w LD	105 115 145 F	IP 43		
On ∞	Hz (==) 650±50	Hz (~) 300÷7000		°C -30 +50			
SELF-EXTINGUISHING						1 2 3 4 5 6	PC

	V ==	12 ÷ 24 ÷ 48		
	mA	480	250	130
BA 15d 5W LR BA 15d 5W	Cd (p)	4	3	3
BA 15d 10W LR BA 15d 10W	mA	880	470	250
	Cd (p)	6	5	5
	dB(A)	92	92	92
	Hz	650 ± 50		

	V ~	24 ÷ 48 ÷ 110 ÷ 240			
	mA	350	210	100	60
BA 15d 5W LR BA 15d 5W	Cd (p)	4	3	3	3
BA 15d 10W LR BA 15d 10W	mA	600	330	150	80
	Cd (p)	5	5	4	4
	dB(A)	96	96	96	96
	Hz	300 ÷ 7000			



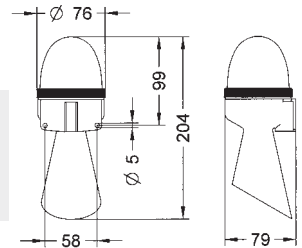
SLEM L
SLEML

12

Flash/min. 110±20

FLASHING LIGHT - CONTINUOUS SOUND

SLEML12D2	40322	SLEML24A2	40642	SLEML48A2	40372	SLEML240A2	40702
SLEML12D3	40323	SLEML24A3	40353	SLEML48A3	40373	SLEML240A3	40423
SLEML12D4	40324	SLEML24A4	40354	SLEML48A4	40374	SLEML240A4	40424
SLEML24D2	40342	SLEML48D2	40362	SLEML110A2	40392		
SLEML24D3	40343	SLEML48D3	40363	SLEML110A3	40393		
SLEML24D4	40344	SLEML48D4	40364	SLEML110A4	40394		



Kg. 0,25

	V ==	12	24	48	110	240
	mA	480	250	130	55	30
BA 15d 5W LR BA 15d 5W	Cd (p)	4	3	3	2.5	2.5
BA 15d 10W LR BA 15d 10W	mA	880	470	250	115	60
	Cd (p)	6	5	5	4	4
	dB(A)	96	96	96	96	96
	Hz	650 ± 50				

	V ~	12	24	48	110	240
	mA	550	350	210	100	60
BA 15d 5W LR BA 15d 5W	Cd (p)	4	3	3	2.5	2.5
BA 15d 10W LR BA 15d 10W	A	1	0.6	0.33	0.15	0.08
	Cd (p)	6	5	5	4	4
	dB(A)	92	92	92	92	92
	Hz	300 ÷ 7000				

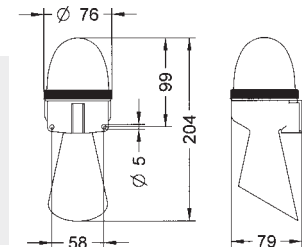


SLEM F
SLEMF

12

CONTINUOUS LIGHT - CONTINUOUS SOUND

SLEMF12D2	40622	SLEMF24A1	40711	SLEMF48A4	40674	SLEMF240D4	40414
SLEMF12D3	40623	SLEMF24A2	40712	SLEMF110D2	40682	SLEMF240A1	40721
SLEMF12D4	40624	SLEMF24A3	40713	SLEMF110D3	40683	SLEMF240A2	40422
SLEMF12A2	40632	SLEMF24A4	40714	SLEMF110D4	40684	SLEMF240A3	40703
SLEMF12A3	40633	SLEMF48D2	40662	SLEMF110A2	40692	SLEMF240A4	40704
SLEMF12A4	40634	SLEMF48D3	40663	SLEMF110A3	40693	SLEMF240A5	40705
SLEMF24D2	40352	SLEMF48D4	40664	SLEMF110A4	40694	SLEMF240A6	40706
SLEMF24D3	40643	SLEMF48A2	40672	SLEMF240D2	40412		
SLEMF24D4	40644	SLEMF48A3	40673	SLEMF240D3	40413		



Kg. 0,25

V 24-110-240 (±10%)	==	~ 50/60 Hz	J 2	2 F	Flash/min. 65±10		
IP 43	On ∞		Hz (==) 650±50	Hz (~) 300÷7000		°C -30 +40	
SELF-EXTINGUISHING						1 2 3 4 5 6	PC



SLEM X
SLEMX

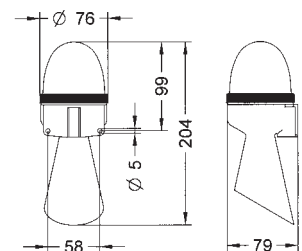
12

XENON FLASHING LIGHT - CONTINUOUS SOUND

	V ==	24
	mA	350
	Cd (p)	200 / 100
	dB(A) 1m	96
	Hz	650±50

	V ~	24	110	240
	mA	500	80	70
XENON 2J LRX 2J	Cd (p)	200 / 100	75 / 35	120 / 90
	dB(A) 1m	92	92	92
	Hz	300÷7000		

SLEMX24D2	40432	SLEMX110A2	40452
SLEMX24D3	40433	SLEMX110A3	40453
SLEMX24D4	40434	SLEMX110A4	40454
SLEMX24A2	40442	SLEMX240A2	40462
SLEMX24A3	40443	SLEMX240A3	40463
SLEMX24A4	40444	SLEMX240A4	40464



Kg. 0,25



DOUBLE WARNING SIGNALS - AUDIBLE/VISUAL

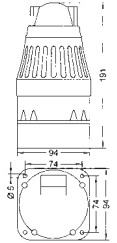
V 12 -24 -48 -110 -240 (±10%)		==	~ 50/60 Hz	Flash/min. 130±20	
IP 30				°C -30 +40	
On ∞			PC	SELF-EXTINGUISHING	



SIRLAMP MS 5
SIRLMS5

⑧

	V ==	12	24	-	-	-
	V ~			48	110	240
	mA	770	585	250	120	60
	Cd (p)	25	18	3	2	2
BA 15d 5W LR BA 15d 5W	dB(A) 1 m	Min 86.5 - Max 97				



Kg. 0,70

SIRLMS512DA1 40001	SIRLMS524DA1 40011	SIRLMS548A1 40041	SIRLMS5110A1 40051	SIRLMS5240A1 40061
SIRLMS512DA2 40002	SIRLMS524DA2 40012	SIRLMS548A2 40042	SIRLMS5110A2 40052	SIRLMS5240A2 40062
SIRLMS512DA3 40003	SIRLMS524DA3 40013	SIRLMS548A3 40043	SIRLMS5110A3 40053	SIRLMS5240A3 40063
SIRLMS512DA4 40004	SIRLMS524DA4 40014	SIRLMS548A4 40044	SIRLMS5110A4 40054	SIRLMS5240A4 40064
SIRLMS512DA5 40005	SIRLMS524DA5 40015	SIRLMS548A5 40045	SIRLMS5110A5 40055	SIRLMS5240A5 40065
SIRLMS512DA6 40006	SIRLMS524DA6 40016	SIRLMS548A6 40046	SIRLMS5110A6 40056	SIRLMS5240A6 40066

V 12÷24-110-240 (±10%)		==	~ 50/60 Hz	Flash/min. 1F : 65 ± 10 2F : 2 x 65 ± 10	
IP 30				°C -30 +40	
On ∞			PC	SELF-EXTINGUISHING	

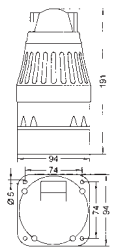


SIRLAMP X 1F MS 5
SIRLAMP X 2F MS 5

SIRLX1FMS5
SIRLX2FMS5

⑧

	V ==	12÷24		-	-
	V ~			110	240
	mA	550	530	115	80
	Cd (p)	350	450	350	750
XENON 1J LRX 1J	dB(A) 1m	Min 88.5 - Max 99.5			



Kg. 0,70

	V ==	12÷24		-	-
	V ~			110	240
	mA	350	370	140	100
	Cd (p)	350	450	350	750
		300	300	200	600
XENON 1J LRX 1J	dB(A)	Min 88.5 - Max 99.5			

SIRLX1FMS51224DA1 40071	SIRLX1FMS5240A1 40091	SIRLX2FMS5110A1 40111
SIRLX1FMS51224DA2 40072	SIRLX1FMS5240A2 40092	SIRLX2FMS5110A2 40112
SIRLX1FMS51224DA3 40073	SIRLX1FMS5240A3 40093	SIRLX2FMS5110A3 40113
SIRLX1FMS51224DA4 40074	SIRLX1FMS5240A4 40094	SIRLX2FMS5110A4 40114
SIRLX1FMS51224DA5 40075	SIRLX1FMS5240A5 40095	SIRLX2FMS5110A5 40115
SIRLX1FMS51224DA6 40076	SIRLX1FMS5240A6 40096	SIRLX2FMS5110A6 40116
SIRLX1FMS5110A1 40081	SIRLX2FMS51224DA1 40101	SIRLX2FMS5240A1 40121
SIRLX1FMS5110A2 40082	SIRLX2FMS51224DA2 40102	SIRLX2FMS5240A2 40122
SIRLX1FMS5110A3 40083	SIRLX2FMS51224DA3 40103	SIRLX2FMS5240A3 40123
SIRLX1FMS5110A4 40084	SIRLX2FMS51224DA4 40104	SIRLX2FMS5240A4 40124
SIRLX1FMS5110A5 40085	SIRLX2FMS51224DA5 40105	SIRLX2FMS5240A5 40125
SIRLX1FMS5110A6 40086	SIRLX2FMS51224DA6 40106	SIRLX2FMS5240A6 40126

INDUSTRIAL TRAFFIC LIGHTS

V 12-24-48-110-240 (±10%)		≡	~ 50/60 Hz	IP 55	
°C -30 +50	On ∞		1 2 3 4 5 6	PC	SELF-EXTINGUISHING

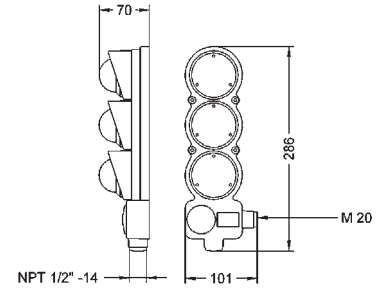
CONTINUOUS LIGHT



SMFR 6.3 F
SMFR 6.3 F
(47) (48)

	V ≡	12	24	48	110	240
	V ~					
	mA	415	210	105	45	20
	Cd (p)	30	30	10	3	3
BA 15d 5W LR BA 15d 5W						

SMFR6.3F32412DA	69480
SMFR6.3F32424DA	69481
SMFR6.3F32448DA	69482
SMFR6.3F324110DA	69483
SMFR6.3F324240DA	69484



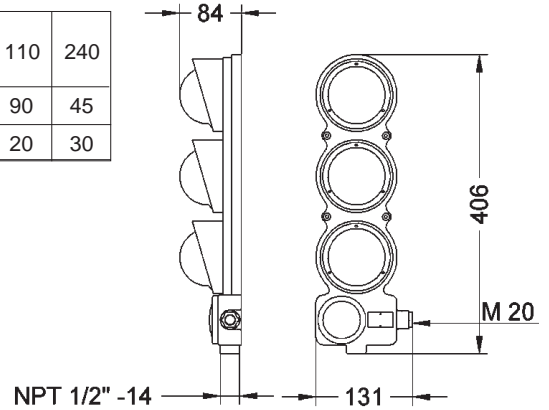
Kg. 0.53



SMFR 9.3 F
SMFR 9.3 F
(47) (48)

	V ≡	12	24	48	110	240
	V ~					
	mA	830	415	210	90	45
	Cd (p)	160	150	140	20	30
BA 15d 10W LR BA 15d 10W						

SMFR9.3F32412DA	69485
SMFR9.3F32424DA	69486
SMFR9.3F32448DA	69487
SMFR9.3F324110DA	69488
SMFR9.3F324240DA	69489



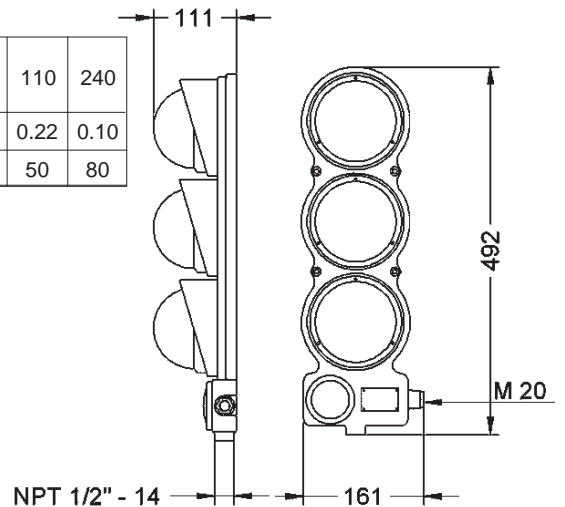
Kg. 0.75



SMFR 12.3 F
SMFR 12.3 F
(47) (48)

	V ≡	12	24	48	110	240
	V ~					
	A	2.1	1.1	0.52	0.22	0.10
	Cd (p)	450	500	500	50	80
BA 15d 25W LR BA 15d 25W						

SMFR12.3F32412DA	69490
SMFR12.3F32424DA	69491
SMFR12.3F32448DA	69492
SMFR12.3F324110DA	69493
SMFR12.3F324240DA	69494



Kg. 1.00

Other colours available on request
SPECIAL FLASHING LIGHT VERSIONS ON REQUEST
LED integrated versions available – see catalogue no. 6 “LED INTEGRATED LUMINOUS RANGE”



INDUSTRIAL TRAFFIC LIGHTS

V 12÷24-110-240 (±10%)		≡	~ 50/60 Hz	J 1-6	Flash/min. 1F : 65 ± 10
IP 55		°C -10 +40	On		PC SELF-EXTINGUISHING

XENON FLASHING LIGHT

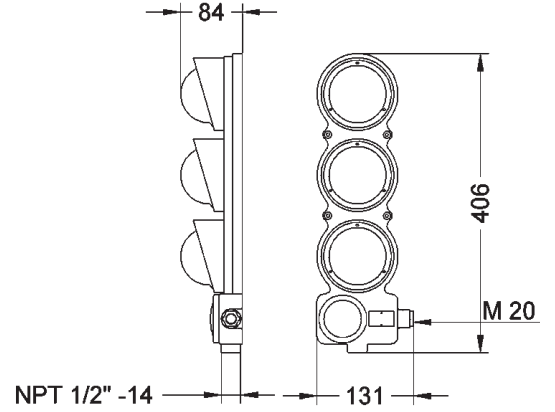


SMFR 9.3 X 1J 1F SMFR 9.3 X 1J 1F

(47) (48)

1F 	V ≡	12÷24		-	-
	V ~	12÷24		110	240
	mA	150	80	45	45
	Cd (p)	2000	2000	1000	1000
XENON 1J LRX 1J					

SMFR9.3X1J1F32412/24DA	69510
SMFR9.3X1J1F324110A	69511
SMFR9.3X1J1F324240A	69512



Kg. 0.80

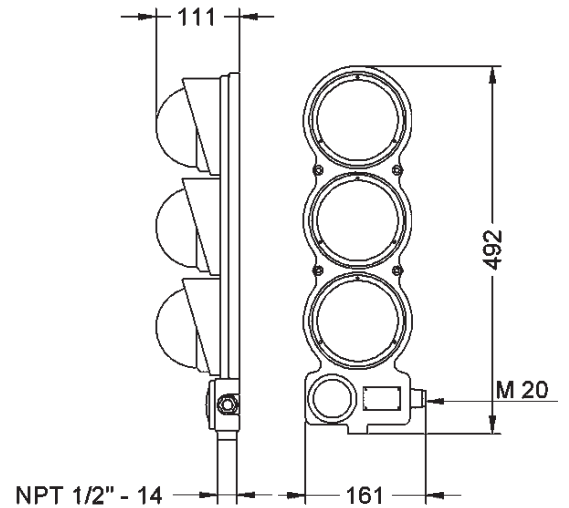


SMFR 12.3 X 6J 1F SMFR 12.3 X 6J 1F

(47) (48)

1F 	V ≡	12÷24		-	-
	V ~	12÷24		110	240
	A	1.2	1.3	0.35	0.22
	Cd (p)	4800	4800	3200	5000
XENON 6J LRX 6J					

SMFR12.3X6J1F32412/24DA	69513
SMFR12.3X6J1F324110A	69514
SMFR12.3X6J1F324240A	69515



Kg. 1.15

Other colours available on request

LED integrated versions available – see catalogue no. 6 “LED INTEGRATED LUMINOUS RANGE”

INDUSTRIAL TRAFFIC LIGHTS

V 12-24-48-110-240 (±10%)			=		~ 50/60 Hz		IP 43 55		☐				
♪ ---	°C -30 +50	On ∞	↔	1	2	3	4	5	6	PC		SELF-EXTINGUISHING	

CONTINUOUS LIGHT - INTERMITTENT SOUND



SMFR 6.3 F A
SMFR 6.3 F A

(47) (48)

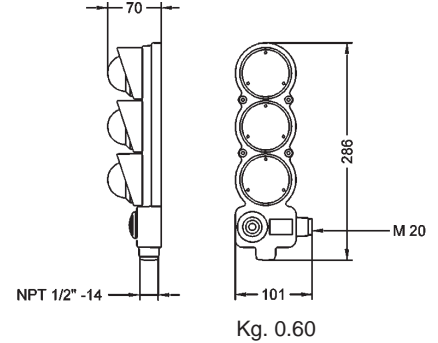
IP 55



☐	V =	12	24	48	110	240
	V ~	12	24	48	110	240
☐	mA	425	220	115	50	30
	Cd (p)	30	30	10	3	3
☐	dB(A)1m	82	82	82	82	82
	Hz 4000±300	♪ --- F/m 110				

Ba 15d 5W
LR Ba 15d 5W

SMFR6.3FA32412DA	69522
SMFR6.3FA32424DA	69523
SMFR6.3FA32448DA	69524
SMFR6.3FA324110D	69592
SMFR6.3FA324110A	69525
SMFR6.3FA324240D	69593
SMFR6.3FA324240A	69526



Kg. 0.60

CONTINUOUS LIGHT - CONTINUOUS SOUND



IP 43



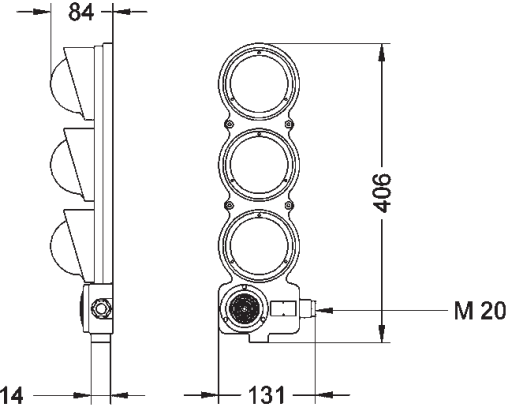
☐	V =	12	24	48	110	240
	mA	880	450	230	100	50
☐	Cd (p)	160	150	140	20	30
	dB(A)1m	90	90	90	90	90
☐	Hz 650	♪ — F/m 0				

Ba 15d 10W
LR Ba 15d 10W

☐	V ~	12	24	48	110	240
	mA	940	550	330	150	75
☐	Cd (p)	160	150	140	20	30
	dB(A)1m	85	85	85	85	85
☐	Hz 50	♪ — F/m 0				

Ba 15d 10W
LR Ba 15d 10W

NPT 1/2" - 14



Kg. 0.80

SMFR 9.3 F A
SMFR 9.3 F A

(47) (48)

SMFR9.3FA32412D	69594	SMFR9.3FA32448A	69529
SMFR9.3FA32412A	69527	SMFR9.3FA324110D	69597
SMFR9.3FA32424D	69595	SMFR9.3FA324110A	69530
SMFR9.3FA32424A	69528	SMFR9.3FA324240D	69598
SMFR9.3FA32448D	69596	SMFR9.3FA324240A	69531



☐	V =	12	24	48	110	240
	A	2.15	1.15	0.54	0.11	0.10
☐	Cd (p)	450	500	500	50	80
	dB(A)1m	90	90	90	90	90
☐	Hz 650	♪ — F/m 0				

BA 15d 25W
LR BA 15d 25W

☐	V ~	12	24	48	110	240
	A	2.2	1.25	0.65	0.28	0.13
☐	Cd (p)	450	500	500	50	80
	dB(A)1m	85	85	85	85	85
☐	Hz 50	♪ — F/m 0				

BA 15d 25W
LR BA 15d 25W

SMFR 12.3 F A
SMFR 12.3 F A

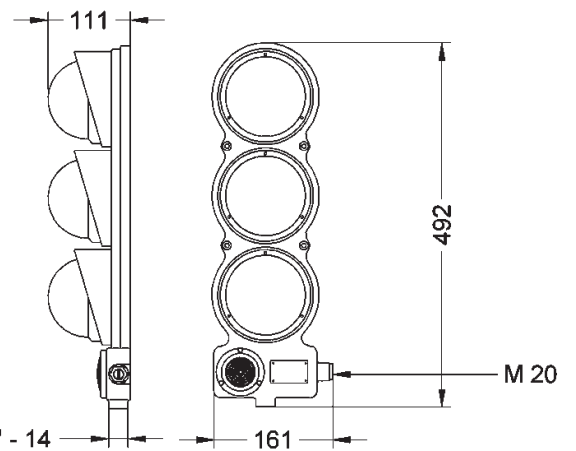
(47) (48)

IP 43



SMFR12.3FA32412D	69599	SMFR12.3FA32448A	69534
SMFR12.3FA32412A	69532	SMFR12.3FA324110D	69602
SMFR12.3FA32424D	69600	SMFR12.3FA324110A	69535
SMFR12.3FA32424A	69533	SMFR12.3FA324240D	69603
SMFR12.3FA32448D	69601	SMFR12.3FA324240A	69536

NPT 1/2" - 14



Kg. 1.05

Other colours available on request

SPECIAL FLASHING LIGHT VERSIONS ON REQUEST

LED integrated versions available – see catalogue no. 6 "LED INTEGRATED LUMINOUS RANGE"



INDUSTRIAL TRAFFIC LIGHTS

V 12-24-110-240 (±10%)	== ~ 50/60 Hz	J 1-6	Flash/min. 1F : 65 ± 10	IP 43
°C -10 +40	On			PC SELF-EXTINGUISHING

XENON FLASHING LIGHT - CONTINUOUS SOUND



SMFR 9.3 X 1J 1F A

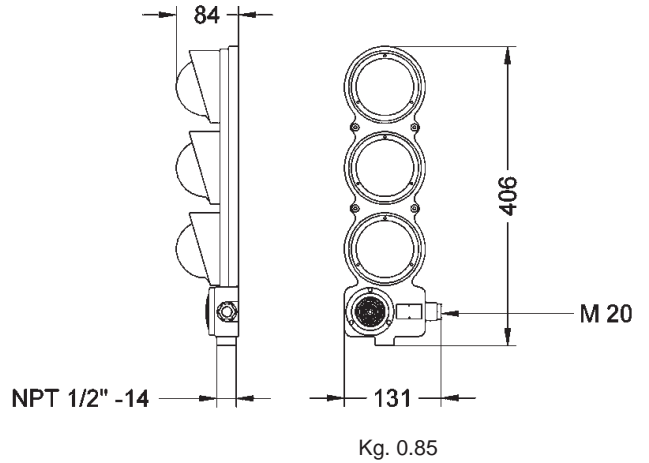
SMFR 9.3 X 1J 1F A

(47) (48)

1F 	V ==	12	24
	mA	200	120
	Cd(p)	2000	2000
	dB(A)1m	90	90
	Hz	650 ± 50	
XENON 1J LRX 1J			

1F 	V ~	12	24	110	240
	mA	260	220	100	75
	Cd (p)	2000	2000	1000	1000
	dB(A)1m	85	85	85	85
	Hz	50	F/m		
XENON 1J LRX 1J					

SMFR9.3X1J1FA32412D	69619	SMFR9.3X1J1FA32424A	69621
SMFR9.3X1J1FA32412A	69552	SMFR9.3X1J1FA324110A	69553
SMFR9.3X1J1FA32424D	69620	SMFR9.3X1J1FA324240A	69554



SMFR 12.3 X 6J 1F A

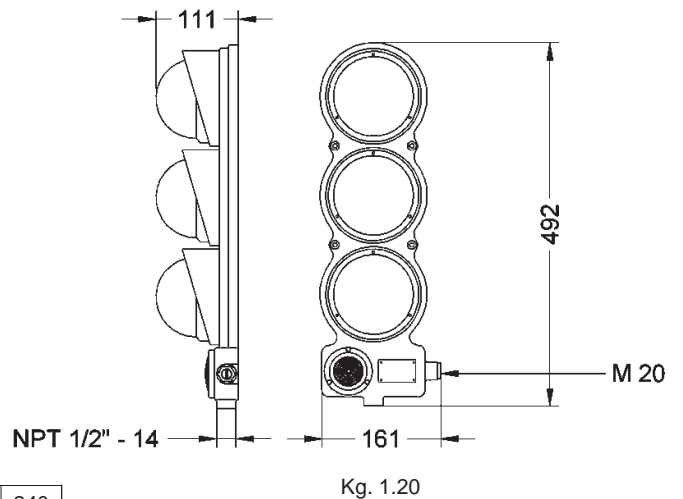
SMFR 12.3 X 6J 1F A

(47) (48)

1F 	V ==	12	24
	A	1.25	1.35
	Cd (p)	4800	4800
	dB(A)1m	90	90
	Hz	650 ± 50	
XENON 6J LRX 6J			

1F 	V ~	12	24	110	240
	A	1.3	1.45	0.4	0.25
	Cd (p)	4800	4800	3200	5000
	dB(A)1m	85	85	85	85
	Hz	50	F/m		
XENON 6J LRX 6J					

SMFR12.3X6J1FA32412D	69624	SMFR12.3X6J1FA32424A	69626
SMFR12.3X6J1FA32412A	69555	SMFR12.3X6J1FA324110A	69556
SMFR12.3X6J1FA32424D	69625	SMFR12.3X6J1FA324240A	69557



Other colours available on request

LED integrated versions available – see catalogue no. 6 “LED INTEGRATED LUMINOUS RANGE”

INDUSTRIAL TRAFFIC LIGHTS

V 12-24-48-110-240 (±10%)			50/60 Hz	IP 55	
°C -30 +50	On ∞			PC	SELF-EXTINGUISHING

CONTINUOUS LIGHT

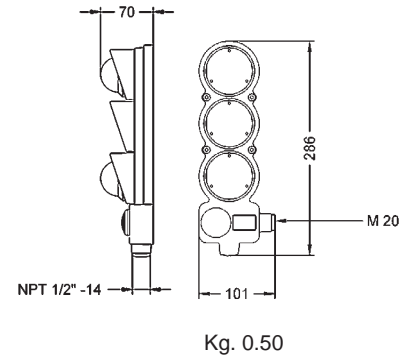


SMFR 6.2 F
SMFR 6.2 F
(47) (48)

	V	12	24	48	110	240
	V					
	mA	415	210	105	45	20
	Cd (p)	30	30	10	3	3

BA 15d 5W
LR BA 15d 5W

SMFR6.2F3412DA	69495
SMFR6.2F3424DA	69496
SMFR6.2F3448DA	69497
SMFR6.2F34110DA	69498
SMFR6.2F34240DA	69499

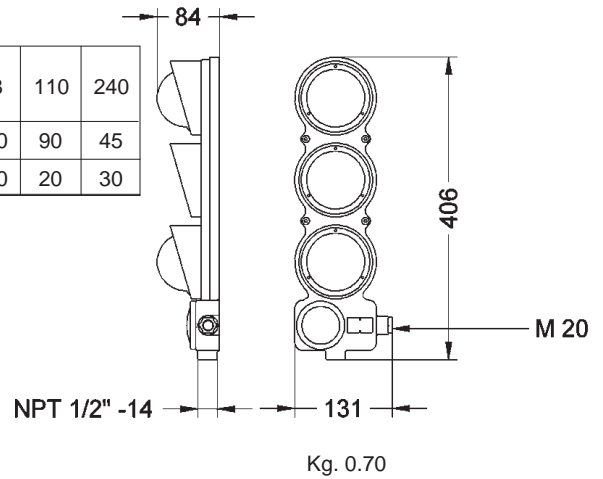


SMFR 9.2 F
SMFR 9.2 F
(47) (48)

	V	12	24	48	110	240
	V					
	mA	830	415	210	90	45
	Cd (p)	160	150	140	20	30

BA 15d 10W
LR BA 15d 10W

SMFR9.2F3412DA	69500
SMFR9.2F3424DA	69501
SMFR9.2F3448DA	69502
SMFR9.2F34110DA	69503
SMFR9.2F34240DA	69504

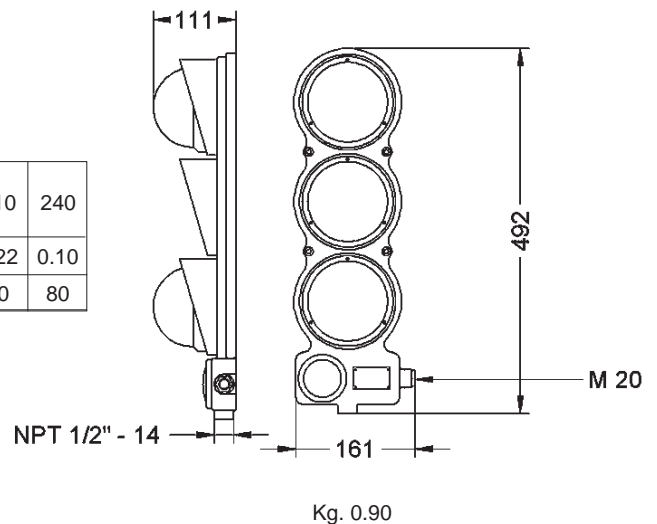


SMFR 12.2 F
SMFR 12.2 F
(47) (48)

	V	12	24	48	110	240
	V					
	A	2.1	1.1	0.52	0.22	0.10
	Cd (p)	450	500	500	50	80

BA 15d 25W
LR BA 15d 25W

SMFR12.2F3412DA	69505
SMFR12.2F3424DA	69506
SMFR12.2F3448DA	69507
SMFR12.2F34110DA	69508
SMFR12.2F34240DA	69509



Other colours available on request
SPECIAL FLASHING LIGHT VERSIONS ON REQUEST
LED integrated versions available – see catalogue no. 6 "LED INTEGRATED LUMINOUS RANGE"



INDUSTRIAL TRAFFIC LIGHTS

V 12÷24-110-240 (±10%)		==	~ 50/60 Hz	J 1-6	Flash/min. 1F : 65 ± 10
IP 55		°C -10 +40	On ∞		1 2 3 4 5 6
					PC SELF-EXTINGUISHING

XENON FLASHING LIGHT



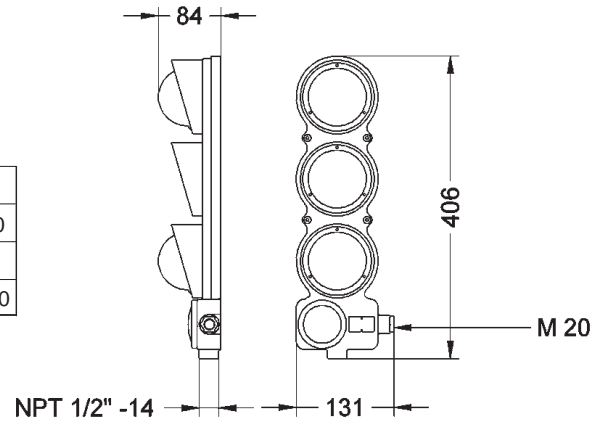
SMFR 9.2 X 1J 1F

SMFR 9.2 X 1J 1F

(47) (48)

1F 	V ==	12÷24		-	-
	V ~	12÷24		110	240
	mA	150	80	45	45
	Cd (p)	2000	2000	1000	1000
XENON 1J LRX 1J					

SMFR9.2X1J1F3412/24DA	69516
SMFR9.2X1J1F34110A	69517
SMFR9.2X1J1F34240A	69518



Kg. 0.78



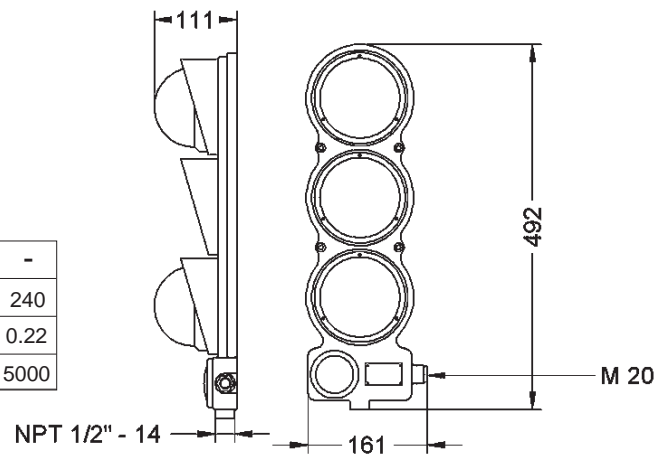
SMFR 12.2 X 6J 1F

SMFR 12.2 X 6J 1F

(47) (48)

1F 	V ==	12÷24		-	-
	V ~	12÷24		110	240
	A	1.2	1.3	0.35	0.22
	Cd (p)	4800	4800	3200	5000
XENON 6J LRX 6J					

SMFR12.2X6J1F3412/24DA	69519
SMFR12.2X6J1F34110A	69520
SMFR12.2X6J1F34240A	69521



Kg.1.05

Other colours available on request

LED integrated versions available – see catalogue no. 6 “LED INTEGRATED LUMINOUS RANGE”

INDUSTRIAL TRAFFIC LIGHTS

V 12-24-48-110-240 (±10%)			=			~ 50/60 Hz			IP 43 55		☐
♪ — — —	°C -30 +50	On ∞	↔	1	2	3	4	5	6	PC	SELF-EXTINGUISHING

CONTINUOUS LIGHT - INTERMITTENT SOUND



SMFR 6.2 F A
SMFR 6.2 F A

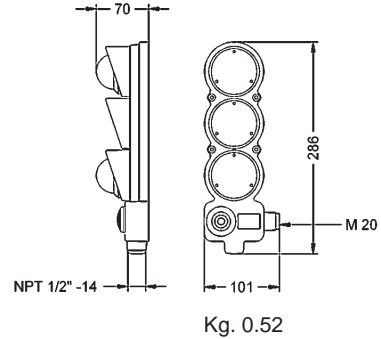
(47) (48)

IP 55



☐	V =	12	24	48	110	240
	V ~	12	24	48	110	240
	mA	425	220	115	50	30
	Cd (p)	30	30	10	3	3
	dB(A)1m	82	82	82	82	82
Ba 15d 5W LR Ba 15d 5W	Hz	4000±300		♪ --- F/m110		

SMFR6.2FA3412DA	69537
SMFR6.2FA3424DA	69538
SMFR6.2FA3448DA	69539
SMFR6.2FA34110D	69607
SMFR6.2FA34110A	69540
SMFR6.2FA34240D	69608
SMFR6.2FA34240A	69541



CONTINUOUS LIGHT - CONTINUOUS SOUND

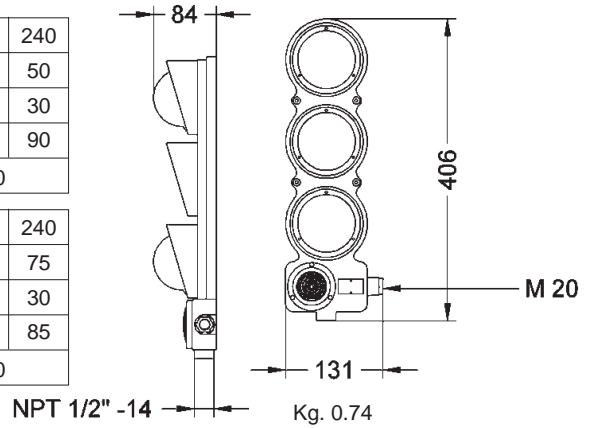


IP 43



☐	V =	12	24	48	110	240
	mA	880	450	230	100	50
	Cd (p)	160	150	140	20	30
	dB(A)1m	90	90	90	90	90
Ba 15d 10W LR Ba 15d 10W	Hz	650		♪ — F/m 0		

☐	V ~	12	24	48	110	240
	mA	940	550	330	150	75
	Cd (p)	160	150	140	20	30
	dB(A)1m	85	85	85	85	85
Ba 15d 10W LR Ba 15d 10W	Hz	50		♪ — F/m 0		



SMFR 9.2 F A
SMFR 9.2 F A

(47) (48)

SMFR9.2FA3412D	69609	SMFR9.2FA3448A	69544
SMFR9.2FA3412A	69542	SMFR9.2FA34110D	69612
SMFR9.2FA3424D	69610	SMFR9.2FA34110A	69545
SMFR9.2FA3424A	69543	SMFR9.2FA34240D	69613
SMFR9.2FA3448D	69611	SMFR9.2FA34240A	69546



SMFR 12.2 F A
SMFR 12.2 F A

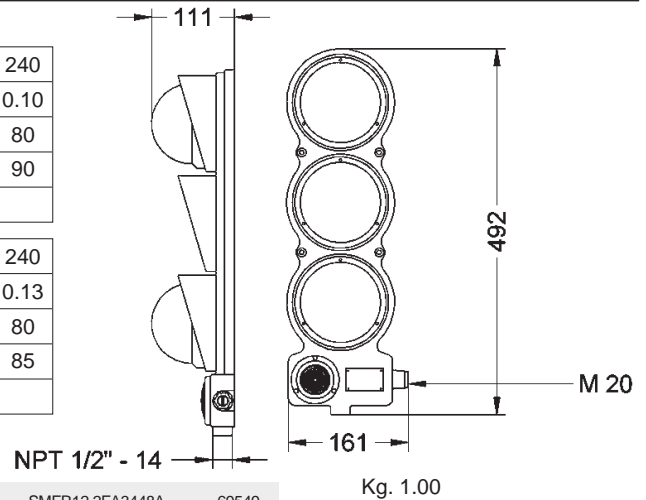
(47) (48)

IP 43



☐	V =	12	24	48	110	240
	A	2.15	1.15	0.54	0.11	0.10
	Cd (p)	450	500	500	50	80
	dB(A)1m	90	90	90	90	90
Ba 15d 25W LR BA 15d 25W	Hz	650		♪ — F/m 0		

☐	V ~	12	24	48	110	240
	A	2.2	1.25	0.65	0.28	0.13
	Cd (p)	450	500	500	50	80
	dB(A)1m	85	85	85	85	85
Ba 15d 25W LR BA 15d 25W	Hz	50		♪ — F/m 0		



Other colours available on request
SPECIAL FLASHING LIGHT VERSIONS ON REQUEST
LED integrated versions available – see catalogue no. 6 "LED INTEGRATED LUMINOUS RANGE"



INDUSTRIAL TRAFFIC LIGHTS

V 12-24-110-240 (±10%)		≡	~ 50/60 Hz	J 1-6	Flash/min. 1F : 65 ± 10
IP 43	☐	♪ —	°C -10 +40	On ∞	1 2 3 4 5 6 / PC SELF-EXTINGUISHING

XENON FLASHING LIGHT - CONTINUOUS SOUND



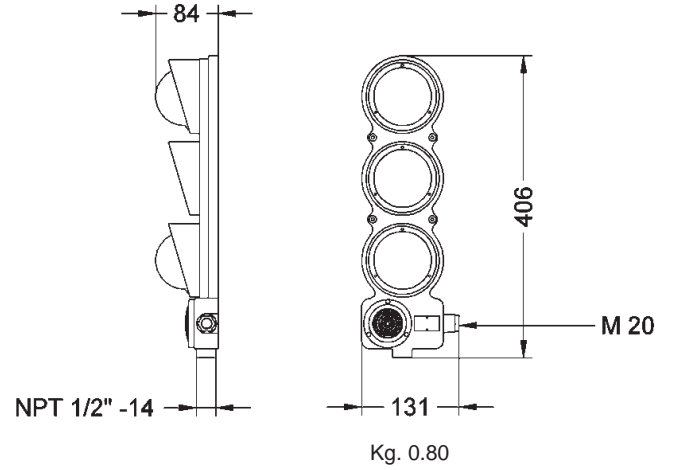
SMFR 9.2 X 1J 1F A
SMFR 9.2 X 1J 1F A

(47) (48)

1F		V ≡	12	24
		mA	200	120
		Cd(p)	2000	2000
		dB(A)1m	90	90
		Hz	650 ± 50	
XENON 1J LRX 1J				

1F		V ~	12	24	110	240
		mA	260	220	100	75
		Cd (p)	2000	2000	1000	1000
		dB(A)1m	85	85	85	85
		Hz 50	♪ — F/m			
XENON 1J LRX 1J						

SMFR9.2X1J1FA3412D	69629	SMFR9.2X1J1FA3424A	69631
SMFR9.2X1J1FA3412A	69558	SMFR9.2X1J1FA34110A	69559
SMFR9.2X1J1FA3424D	69630	SMFR9.2X1J1FA34240A	69560



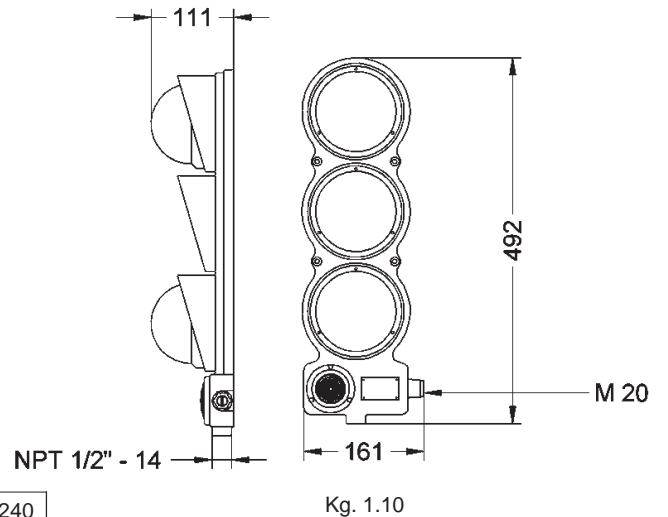
SMFR 12.2 X 6J 1F A
SMFR 12.2 X 6J 1F A

(47) (48)

1F		V ≡	12	24
		A	1.25	1.35
		Cd(p)	4800	4800
		dB(A)1m	90	90
		Hz	650 ± 50	
XENON 6J LRX 6J				

1F		V ~	12	24	110	240
		A	1.3	1.45	0.4	0.25
		Cd (p)	4800	4800	3200	5000
		dB(A)1m	85	85	85	85
		Hz 50	♪ — F/m			
XENON 6J LRX 6J						

SMFR12.2X6J1FA3412D	69634	SMFR12.2X6J1FA3424A	69636
SMFR12.2X6J1FA3412A	69561	SMFR12.2X6J1FA34110A	69562
SMFR12.2X6J1FA3424D	69635	SMFR12.2X6J1FA34240A	69563



Other colours available on request

LED integrated versions available – see catalogue no. 6 “LED INTEGRATED LUMINOUS RANGE”



PRODUCTS FOR FORKLIFT TRUCKS

V 10÷100	≡	J 1	Flash/min. 1F : 60 ÷130 2F : 2 x 75 ± 10	IP 54
°C -30 +40	On ∞		2 PC	SELF-EXTINGUISHING

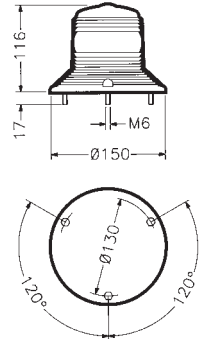
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH



ELEBLITZ 10÷100V 1F
ELEBLITZ1F10100

①

1F	V ≡	10÷100
XENON 1J	mA	50÷220
LRX 1J	Cd (p)	1800



Kg. 0.36

ELEBLITZ1F10100D2 84561

MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH OR DOUBLE FLASH

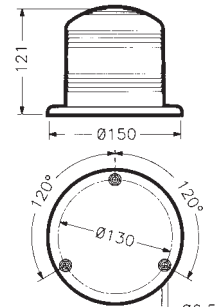


FLASH ELEV 10÷100V 1F-2F
FLELB1F10100

①

1F	V ≡	10÷100
XENON 1J	mA	50÷220
LRX 1J	Cd (p)	1800

2F	V ≡	10÷100
XENON 1J	mA	50÷220
LRX 1J	Cd (p)	900 / 750



Kg. 0.45

FLELB1F10100D2 84524
FLELB2F10100D2 84583

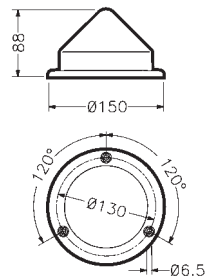
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH



FLC 1200 10÷100V 1F
FLC12001F10100

①

1F	V ≡	10÷100
XENON 1J	mA	50÷220
LRX 1J	Cd (p)	2500



Kg. 0.23

FLC12001F10100D2 84567

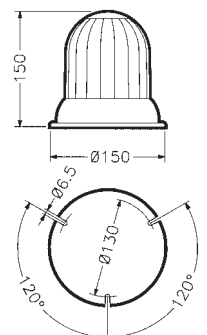
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH



MICROROT ISO B ELEV
10÷100V 1F
MRTISOBEL10100

⑧

1F	V ≡	10÷100
XENON 1J	mA	50÷220
LRX 1J	Cd (p)	1000



Kg. 0.42

MRTISOBEL10100D2 84547



PRODUCTS FOR FORKLIFT TRUCKS

V 10÷100	==	J 1	Flash/min. 1F : 60 ÷ 130	IP 54
°C -30 +40	On ∞		2 PC	SELF-EXTINGUISHING

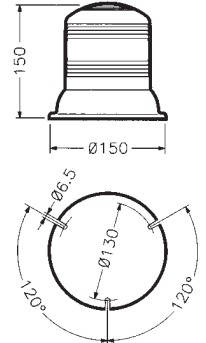
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH



MINIFRESNEL ISO B ELEV
10÷100V 1F
MFRISOBEL1F10100

①

1F	V ==	10÷100
	mA	50÷220
XENON 1J LRX 1J	Cd (p)	1800



Kg. 0.43

MFRISOBEL1F10100D2 84582

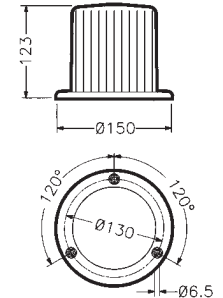
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH



MINITRUCK 120
10÷100V 1F
MTRUCK1201F10100

①

1F	V ==	10÷100
	mA	50÷220
XENON 1J LRX 1J	Cd (p)	2200



Kg. 0.38

MTRUCK1201F10100D2 84628

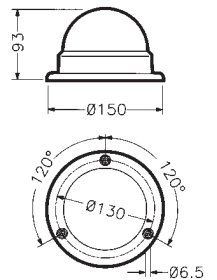
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH



SFEROFASH
10÷100V 1F
SFEROF1F10100

①

1F	V ==	10÷100
	mA	50÷220
XENON 1J LRX 1J	Cd (p)	2300



Kg. 0.26

SFEROF1F10100D2 84564

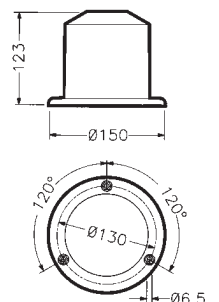
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH



TOUR ELEV 10÷100V 1F
TOUREL1F10100

①

1F	V ==	10÷100
	mA	50÷220
XENON 1J LRX 1J	Cd (p)	2200



Kg. 0.36

TOUREL1F10100D2 84627

PRODUCTS FOR FORKLIFT TRUCKS

V 10÷100	J 1	Flash/min. 1F : 60 ÷ 130	2F : 2 x 75 ± 10	IP 20
	°C -30 +40	On		2 PC
				SELF-EXTINGUISHING

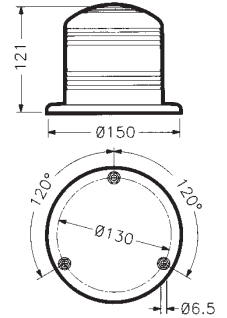
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH OR DOUBLE FLASH WITH BUILT-IN AUDIBLE SIGNAL



FLASH ELEV SL 10÷100V 1F-2F
FLELSL1F10100

①

1F XENON 1J LRX 1J	V	10÷100	
	mA	50÷220	
	Cd (p)	1800	
	dB(A)1m	75÷85	
		Hz	2500±100
2F XENON 1J LRX 1J	V	10÷100	
	mA	50÷220	
	Cd (p)	900 / 750	
	dB(A)1m	75÷85	
	Hz	2500±100	



Kg. 0.55

FLELSL1F10100D2 84514
FLELSL2F10100D2 84584

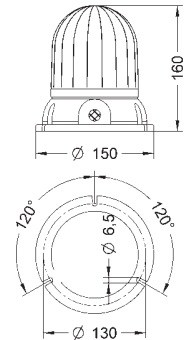
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH – WITH BUILT-IN AUDIBLE SIGNAL



MICROROT ISO B ELEV SL
10÷100 1F
MRTISOBELSL1F10100

⑧

1F XENON 1J LRX 1J	V	10÷100	
	mA	50÷220	
	Cd (p)	1000	
	dB(A)1m	75÷85	
		Hz	2500±100



Kg. 0.46

MRTISOBELSL1F10100D2 84575

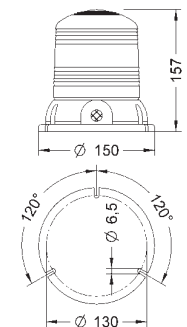
MULTI-VOLTAGE XENON FLASHING BEACON – SINGLE FLASH – WITH BUILT-IN AUDIBLE SIGNAL



MINIFRESNEL ISO B ELEV SL
10÷100V 1F
MFRISOBELSL1F10100

⑧

1F XENON 1J LRX 1J	V	10÷100	
	mA	50÷220	
	Cd (p)	1800	
	dB(A)1m	75÷85	
		Hz	2500±100



Kg. 0.48

MFRISOBELSL1F10100D2 24841



PRODUCTS FOR FORKLIFT TRUCKS

V 10÷100	On ∞	IP 54	°C -30 +50	SELF-EXTINGUISHING
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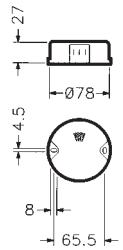
MULTI-VOLTAGE BACK-UP ALARM



RES 10÷100 V*
RES10100

16

V	10÷100
mA	12÷24
dB(A)1m	92
dB(A)1m	82
Hz	2500



Kg. 0.17

RES10100 52342

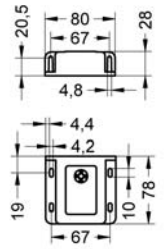
MULTI-VOLTAGE BACK-UP ALARM



RETRO ALLARM 10÷100 V*
RTA10100

16

V	10÷100
mA	12÷24
dB(A)1m	92
dB(A)1m	82
Hz	2500



Kg. 0.19

RTA10100 52331

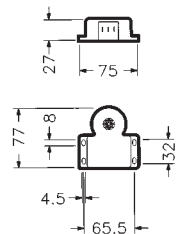
MULTI-VOLTAGE BACK-UP ALARM



SEN 10÷100 V*
SEN10100

16

V	10÷100
mA	12÷24
dB(A)1m	92
dB(A)1m	82
Hz	2500



Kg. 0.13

SEN10100 52343

V 10 ÷ 100	On ∞	IP 55	°C -30 +50	SELF-EXTINGUISHING
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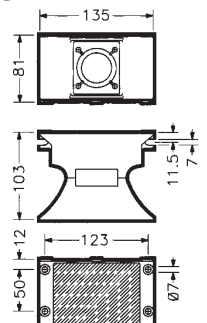
MULTI-VOLTAGE BACK-UP ALARM WITH SELF-ADJUSTABLE SOUND INTENSITY DEPENDING ON AMBIENT NOISE



SVAR 10÷100V
SVAR10100

16 21

V	10÷100
mA	480÷50
dB (A) 1m	88 ▲110
Hz	2500 (±100)



Kg. 0.53

SVAR10100 52335

* The dB data refers to products supplied in 24V DC



PRODUCTS FOR FORKLIFT TRUCKS

V 20 ÷ 100	≡	IP 44	°C -30 +50	On ∞
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WORK BEAM WITH TWILIGHT AUTOMATIC SENSOR + CSW 20÷100V

KIT FMA N
KITFMAN
⑬ ⑱ ⑲ ⑳ ㉑

	V ≡	20÷100
	A	3.2÷0.6
	V out	12V dc
	P out	max 60 W
Cd (p)		4000

H3 12V 55W
LR H3 55W 12

Kg. 1,4

KITMAND20100	28035
KITMANP20100	28046

WORK BEAM WITH TWILIGHT AUTOMATIC SENSOR + CSW 20÷100V + DIN A BASE + ADAPTER SOCKET R

KIT FMA A
KITFMAA
⑬ ⑱ ⑲ ㉒ ㉓

	V ≡	20÷100
	A	3.2÷0.6
	V out	12V dc
	P out	max 60 W
Cd (p)		4000

H3 12V 55W
LR H3 55W 12

Kg. 1,5

KITMAAD20100	28036
KITMAAP20100	28047

WORK BEAM WITH TWILIGHT AUTOMATIC SENSOR + CSW 20÷100V + 1 MAGNET + CSP SAC + PLUG-IN SOCKET WITH CAP (CKM)

KIT FMA M
KITFMA M
⑬ ⑱ ⑲ ㉔ ㉕

	V ≡	20÷100
	A	3.2÷0.6
	V out	12V dc
	P out	max 60 W
Cd (p)		4000

H3 12V 55W
LR H3 55W 12

Kg. 1,7

FDL D = DIFFUSED LIGHT FDL P = DEPTH LIGHT

KITFMA M D20100	28037
KITFMA M P20100	28045

V 20 ÷ 100	≡	On ∞	IP 55	°C -30 +50
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VOLTAGE CONVERTER DC-DC

CONVERTER SWITCHING
CSW 20/100V
⑰

	V ≡	20÷100
	A	3.2÷0.6
	V out	12 Vdc
	P out	max. 60 W

Kg. 0,45

CSW20100	84596
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SWIVEL LIGHT BEAMS - MANUAL ORIENTATION

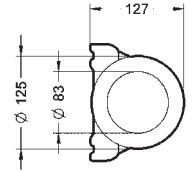
V 12-24 (±10%)	==	IP 65	°C -30 +50	On ∞
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HALOGEN SWIVEL LIGHT BEAM - MANUAL ORIENTATION

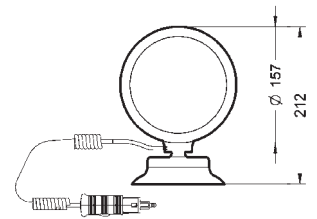


FO195H1MVD12D 30003
FO195H1MVD24D 29988

	V ==	12	24
	A	4.6	2.9
H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	Cd (p)	195.000	



FO 195 H1 MV
FO195H1MVD
FO195H1MVP
55 56



FO195H1MVP12D 30004
FO195H1MVP24D 30005

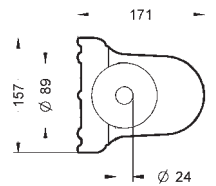


Kg. 1,24

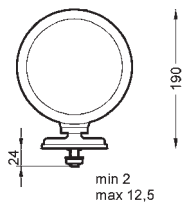


FO195H1BD12D 29976
FO195H1BD24D 29978

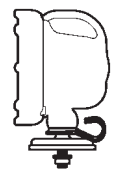
	V ==	12	24
	A	4.6	2.9
H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	Cd (p)	195.000	



FO 195 H1 B
FO195H1BD
FO195H1BP
55 57



FO195H1BP12D 29977
FO195H1BP24D 29989



Kg. 0,97



SWIVEL LIGHT BEAMS - MANUAL ORIENTATION

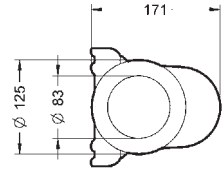
V 12 ÷ 24 (±10%)	≡	IP 65	°C -30 +50	On ∞
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SWIVEL LIGHT BEAM WITH XENON LIGHT – MANUAL ORIENTATION



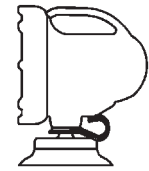
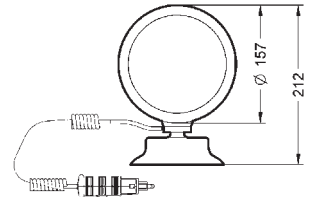
FO230HIDMVD12/24D 29985

	V ≡	12÷24
	A	3.3 1.65
	Cd (p)	230.000
HID 35W LR HID 35W		



FO 230 HID MV
FO230HIDMVD
FO230HIDMVP

55 56



Kg. 1,77

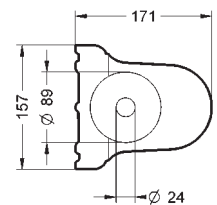


FO230HIDMVP12/24D 30006



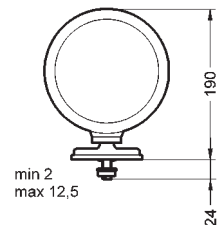
FO230HIDBD12/24D 29970

	V ≡	12÷24
	A	3.3 1.65
	Cd (p)	230.000
HID 35W LR HID 35W		



FO 230 HID B
FO230HIDBD
FO230HIDBP

55 57



FO230HIDBP12/24D 29987



Kg. 1,49



WORK BEAMS

V 12-24 (±10%)	≡	IP 44	°C -30 +50	On ∞
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WORK BEAM M

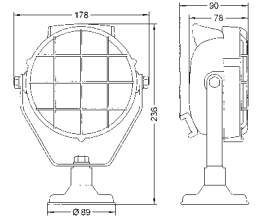
FDLMDH12D	28028	FDLMDH24D	28029
FDLMPH12D	28027	FDLMPH24D	28026

FDL M/D H
FDL M/P H

⑬ ⑱ ⑲ ⑳ ㉑

	V ≡	12	24	FDL M/D FDL A/D FDL P/D
	A	4.6	2.9	
	Cd (p)	4000	4000	
	⚡	26°		
H3 12V 55W H3 24V 70W				

	V ≡	12	24	FDL M/P FDL A/P FDL P/P
	A	4.6	2.9	
	Cd (p)	4000	4000	
	⚡	5°		
H3 12V 55W H3 24V 70W				



Kg. 1,2

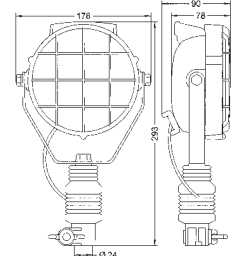


WORK BEAM A

FDLADH12D	28019	FDLADH24D	28031
FDLAPH12D	28018	FDLAPH24D	28030

FDL A/D H
FDL A/P H

⑬ ⑱ ⑲ ㉑ ㉒



Kg. 0,9

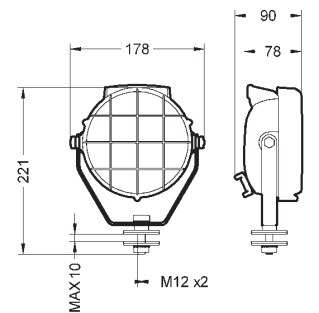


WORK BEAM P

FDLPDH12D	29982	FDLPDH24D	29983
FDLPPH12D	28048	FDLPPH24D	28044

FDL P/D H
FDL P/P H

⑬ ⑱ ⑲ ㉑ ㉓



Kg. 0,76



SWIVEL LIGHT BEAMS - ELECTRICALLY POWERED

V 12-24 (±10%)	≡	IP 55	°C -30 +50	On ∞	6 / PC HT
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SWIVEL LIGHT BEAM OPERATED AT A DISTANCE BY A RADIO (FORC)
OR BY A CABLE (FOTC)



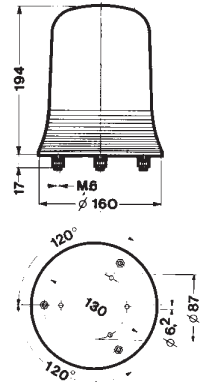
**FORC B
FOTC B**

⑤

	V ≡	12	24
	A	4.6	2.9
	Cd (p)	120.000	

95/54/CE eIRL 020373

FORCBDH12D	28060	FOTCBDH12D	28064
FORCBPH12D	28061	FOTCBPH12D	28065
FORCBDH24D	28062	FOTCBDH24D	28066
FORCBPH24D	28063	FOTCBPH24D	28067



Kg. 1.10

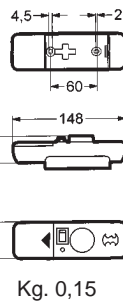
REMOTE CONTROL BY RADIO (FORC)

⑫



**FORC A
FOTC A**

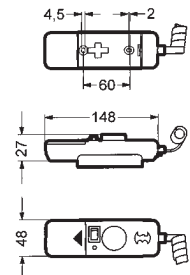
⑤



Kg. 0,15

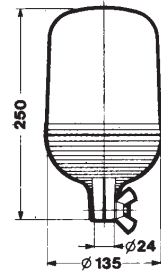
REMOTE CONTROL BY WIRE (FOTC)

⑫



Kg. 0,15

FORCADH12D	28068	FOTCADH12D	28072
FORCAPH12D	28069	FOTCAPH12D	28073
FORCADH24D	28070	FOTCADH24D	28074
FORCAPH24D	28071	FOTCAPH24D	28075



Kg. 0.95

D = DIFFUSED LIGHT

P = DEPTH LIGHT



**FORC WITH GRID
BDFORCBH**

⑤ ⑰

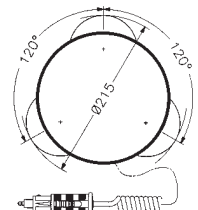
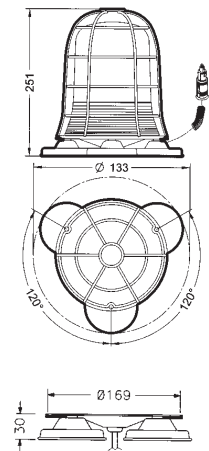
	V ≡	12	24
	A	4.6	2.9
	Cd (p)	120.000	

95/54/CE eIRL 020373

BDFORCBMHP12D	26019
BDFORCBMHP24D	26021
BDFORCBMHD12D	26018
BDFORCBMHD24D	26020

B3M

B3M 83152



Kg. 1.15

H1 100W version available - part nos. on request



SWIVEL LIGHT BEAMS - ELECTRICALLY POWERED

V 12-24 (±10%)	☐	IP 67	°C -30 +50	On ∞	6 / PC HT
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RADIO CONTROLLED WATERPROOF LIGHT BEAM FOR MARINE APPLICATION



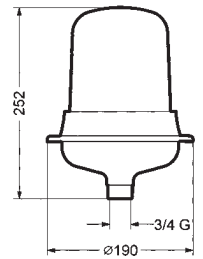
**FORC MARINO
STFORC**

⑩

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ☐	12	24
	A	4.6	2.9
	Cd (p)	120.000	

95/54/CE eIRL 020373

STFORCHP12D	26010
STFORCHP24D	26012
STFORCHD12D	26009
STFORCHD24D	26011



Kg. 2.26

V 12-24 (±10%)	☐	IP 54	°C -30 +50	On ∞	6 / PC HT
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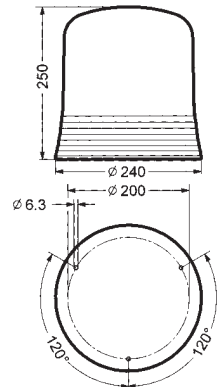
**B2 FORC
B2FORC**

⑤

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ☐	12	24
	A	4.6	2.9
	Cd (p)	120.000	

95/54/CE eIRL 020373

B2FORCHD12D	26001
B2FORCHD24D	26003
B2FORCHP12D	26002
B2FORCHP24D	26004



Kg. 1.72



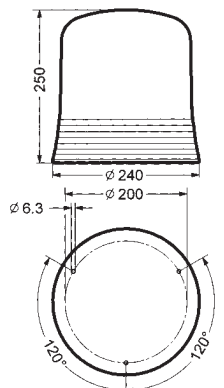
**B2 FOTC
B2FOTC**

⑤

 H1 12V 55W LR H 55W 12 H1 24V 70W LR H 70W 24	V ☐	12	24
	A	4.6	2.9
	Cd (p)	120.000	

95/54/CE eIRL 020373


B2FOTCHD12D	26005
B2FOTCHD24D	26007
B2FOTCHP12D	26006
B2FOTCHP24D	26008



Kg. 1.67

H1 100W version available - part nos. on request

PORTABLE SEARCH BEAMS



V 12	Recharging voltage		IP 65	°C -30 +50
(Batt. Pb 12V 4500 mAh)			Max. recharge time	180 min.



BATTERY OPERATED PORTABLE SEARCH BEAM WITH HALOGEN LIGHT AND REAR LED SIGNALLING INDICATOR



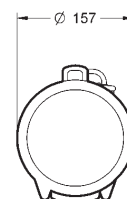
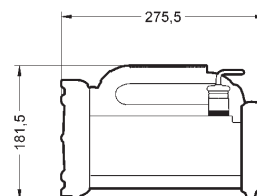
BILIGHT
BILIGHT

52 53 54

	V 	12
	Cd (p)	195.000
	On	55 min.
H1 12V 55W LR H 55W 12		

LED 	V 	12
	Cd (p)	65
	On	600 min.

BILIGHT D NERO 12D 76144
BILIGHT P NERO 12D 76145



Kg. 3,53



V 12	Recharging voltage		IP 65	°C -30 +50	
(Batt. Pb 12V 4500 mAh)			Max. recharge time	180 min.	


BATTERY OPERATED PORTABLE SEARCH BEAM WITH HALOGEN LIGHT AND SIREN



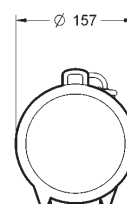
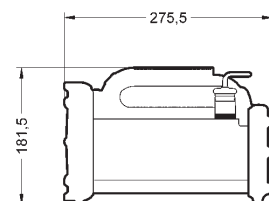
FPHS H1
FPHS H1

52 53 54

	V 	12
	Cd (p)	195.000
	On	55 min.
H1 12V 55W LR H 55W 12		

V 	12
dB(A)1m	107/110
Hz	2650/2950

FPHS H1 D NERO 12D 76154
FPHS H1 P NERO 12D 76155



Kg. 2,54

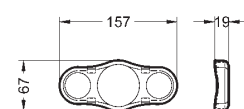


Quick clip on shoulder strap
with blocking closure supplied



BM 3ND

BM 3ND 72473



Kg. 0,36



PORTABLE SEARCH BEAMS

V 12 Recharging voltage	≡	IP 65	°C -30 +50
(Batt. Pb 12V 4500 mAh)	Max. recharge time		180 min.

BATTERY OPERATED PORTABLE SEARCH BEAM WITH HALOGEN LIGHT



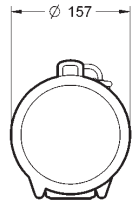
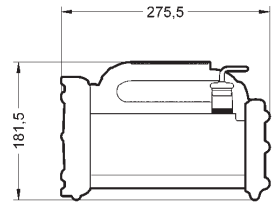
FPH H1
FPH H1

52 53 54

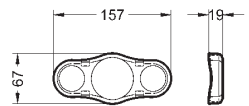


	V ≡	12
	Cd (p)	195.000
H1 12V 55W LR H 55W 12	On	55 min.

FPH H1 D NERO 12D 76165
FPH H1 P NERO 12D 76166



Kg. 2,45



Kg. 0,36



Quick clip on shoulder strap with blocking closure supplied



BM 3ND

BM 3ND 72473

Other colours available on request



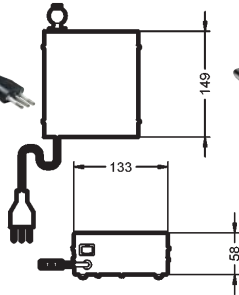
AR 1 CRB - AR 3 CRB

MAINS FEEDER FOR 1 BATTERY OPERATED PORTABLE SEARCH BEAM
MAINS FEEDER FOR 3 BATTERY OPERATED PORTABLE SEARCH BEAMS



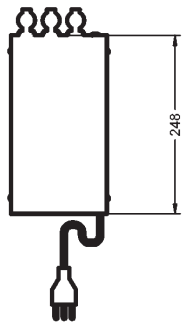
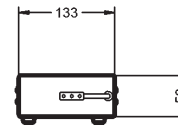
AR 1 CRB 74486

Kg. 1,17



AR 3 CRB 74479

• INPUT: 230V ac 50Hz • OUTPUT: 12V dc



Kg. 1,73



SECURITY RANGE

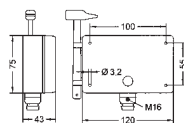
V 12-24-48-110-230-240 (±10%)	≡	~ 50/60 Hz	On ∞
IP 65	°C -40 +60		SELF-EXTINGUISHING

BREAK GLASS EMERGENCY SWITCH

BREAK GLASS EMERGENCY SWITCH FOR PREALARM AND EVACUATION INSTALLATIONS



FIRL EM



Kg. 0,3



FIRLARM
IN CASE
OF PREALARM

FIRL AL



FIRLARM
IN CASE
OF EVACUATION

FIRL EV

FIRLARM

FIRL ...

12 42

FIRL AL 41530	FIRL EM 41532
FIRL EV 41531	FIRL DC 41534

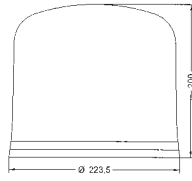
- SUPPLIED WITH:
- SMALL HAMMER FOR BREAKING THE GLASS
 - SPANNER FOR INSTALLATION AND ALARM ACTIVATION
 - CONTACTS NC/NO
 - SILVER PLATED CONTACTS

The product contains two independent micro switches the contacts of which (NC – NO) are available on the terminal block. The switch rating is **5A to 250Vac** max.

PC DOMES



CR B2/LUX



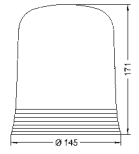
Kg. 0,5

CRB2LUX1R	71122	CRB2LUX4R	71125
CRB2LUX2R	71120	CRB2LUX5R	71129
CRB2LUX3R	71096	CRB2LUX6R	71128



CR AT/R5

CRATR51	71221
CRATR52	71222
CRATR53	71223
CRATR54	71224
CRATR55	71225
CRATR56	71226



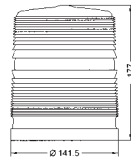
Kg. 0,25



CR STF 2J-6J-15J-20J

**STL-STL AG
STR AG ARA**

CRSTF2-6J1	71337
CRSTF2-6J2	71336
CRSTF2-6J3	71338
CRSTF2-6J4	71345
CRSTF2-6J5	71335
CRSTF2-6J6	71339
CRSTF15-20J1	71386
CRSTF15-20J2	71385
CRSTF15-20J3	71388
CRSTF15-20J4	71389
CRSTF15-20J5	71383
CRSTF15-20J6	71387

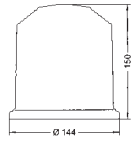


Kg. 0,42



CR AT/F6

CRFT6ATF61	73540
CRFT6ATF62	73537
CRFT6ATF63	73539
CRFT6ATF64	73538
CRFT6ATF65	73541
CRFT6ATF66	73531

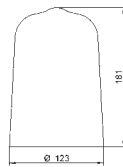


Kg. 0,21



CR RA / BD RA

CRRA1L	71306
CRRA2L	71305
CRRA3L	71308
CRRA4L	71309
CRRA5L	71331
CRRA6L	71307
CRRA7L	71390
CRRA3R	71374
CRRA5R	71373

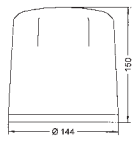


Kg. 0,22



CR AT/M7

CRMAGATM71	71132
CRMAGATM72	71131
CRMAGATM73	71133
CRMAGATM74	71134
CRMAGATM75	71187
CRMAGATM76	71188

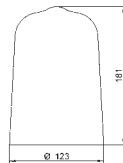


Kg. 0,23



**CR LA / BD LA
LA XFR / RA**

CRLA1	71301
CRLA2	71300
CRLA3	71303
CRLA4	71304
CRLA5	71330
CRLA6	71302

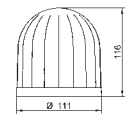


Kg. 0,22



**CR BABYR
BABYL
BABYF
BABYX**

CRBABY1	26991
CRBABY2	26992
CRBABY3	26993
CRBABY4	26994
CRBABY5	26995
CRBABY6	26996

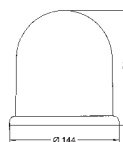


Kg. 0,12



**CR PG/R-PG/R/TOR
PG/L-PG/F-PG/X
AT/A8**

CRPGATA8PC1	71166
CRPGATA8PC2	71167
CRPGATA8PC3	71168
CRPGATA8PC4	71169
CRPGATA8PC5	71172
CRPGATA8PC6	71173

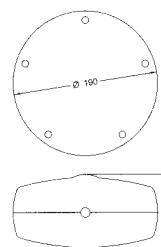


Kg. 0,22



CR FRL - FRX

CRFRL1	71326
CRFRL2	71325
CRFRL3	71328
CRFRL4	71329
CRFRL5	71293
CRFRL6	71327



Kg. 0,54

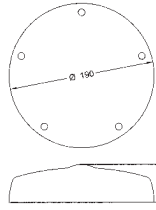


SPARE PARTS

PC DOMES



**CR BD FTF
BD FTL**

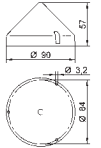


CRBDFTF1	71361	CRBDFTF4	71364
CRBDFTF2	71360	CRBDFTF5	71367
CRBDFTF3	71363	CRBDFTF6	71362

Kg. 0,27



**CR CTL -
A - X - XA 900**

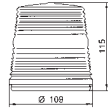


CRCTL9001	71196	CRCTL9004	71199
CRCTL9002	71197	CRCTL9005	71200
CRCTL9003	71198	CRCTL9006	71201

Kg. 0,052



**CR MAF / MXF
BDF / BDL**

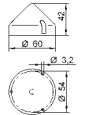


CRMAF1	71321
CRMAF2	71320
CRMAF3	71323
CRMAF4	71324
CRMAF5	71334
CRMAF6	71322

Kg. 0,21



CR CTL - A 600

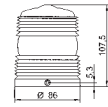


CRCTL6001	71190	CRCTL6004	71193
CRCTL6002	71191	CRCTL6005	71194
CRCTL6003	71192	CRCTL6006	71195

Kg. 0,018



CR MF / XF

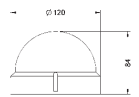


CRMF1	71318
CRMF2	71315
CRMF3	71316
CRMF4	71319
CRMF5	71333
CRMF6	71317

Kg. 0,14



CR SMFR 12.3/12.2

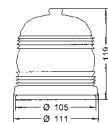


CRSMFR12.32	69672
CRSMFR12.33	69673
CRSMFR12.34	69674

Kg. 0,098



CR LTC / LCA 88



CRLCA883	71241
CRLCA884	71240
CR LTC1	71295
CR LTC2	71294
CR LTC3	71298
CR LTC4	71299
CR LTC5	71296
CR LTC6	71297

Kg. 0,25



CR SMFR 9.3/9.2

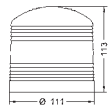


CRSMFR9.32	69662
CRSMFR9.33	69663
CRSMFR9.34	69664

Kg. 0,044



CR FLASH ELEV

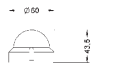


CRFLASHL2	71145
CRFLASHL6	71146

Kg. 0,2



CR SMFR 6.3/6.2

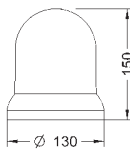


CRSMFR6.32	69652
CRSMFR6.33	69653
CRSMFR6.34	69654

Kg. 0,018



CR LR 932

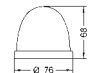


CRLR93LR932PMMA1	72584
CRLR93LR932PMMA2	72580
CRLR93LR932PMMA3	72586
CRLR93LR932PMMA4	72582
CRLR93LR932PMMA5	72588
CRLR93LR932PMMA6	72589

Kg. 0,13



**CR OVO / SLEM L /
SLEM F / SLEM X /**

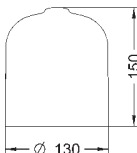


CROVO1	71115	CROVO4	71098
CROVO2	71116	CROVO5	71099
CROVO3	71117	CROVO6	71100

Kg. 0,04



CR GF 931

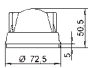


CRGF8.8GF931PMMA1	71154
CRGF8.8GF931PMMA2	71150
CRGF8.8GF931PMMA3	71155
CRGF8.8GF931PMMA4	71156
CRGF8.8GF931PMMA5	71152
CRGF8.8GF931PMMA6	71158

Kg. 0,16



**CR ML / ML A /
SIRL / SIRLAT /
SIRLX / SIRLXAT
MXL / MXL A**

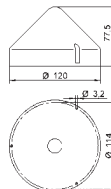


CRML1	71311	CRML4	71314
CRML2	71310	CRML5	71332
CRML3	71313	CRML6	71312

Kg. 0,03



**CR CTL -
A - X - XA 1200**

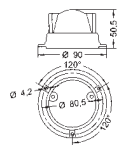


CRCTL12001	71090
CRCTL12002	71091
CRCTL12003	71092
CRCTL12004	71093
CRCTL12005	71094
CRCTL12006	71095

Kg. 0,06



CR ML R / MXL R



CRMLMLXR1	71231	CRMLMLXR4	71234
CRMLMLXR2	71232	CRMLMLXR5	71235
CRMLMLXR3	71233	CRMLMLXR6	71236

Kg. 0,04



LR BA 9s

LRBA9S10W12	72761	BABYROT
LRBA9S10W24	72762	
LRBA9S10W48	72763	
LRBA9S10W110	72764	
LRBA9S10W230	72765	
LRBA9S10W240	72766	



LR BA 15s

LRBA15S21W12	71604	ROTALLARM AUTOALIMENTATO
LRBA15S21W24	71605	LAMPALLARM FRESNEL AUTOAL.



LRBA15S45W12	71600	ROTALLARM
LRBA15S45W24	71601	ROTALLARM STAGNO
LRBA15S45W48	71606	PG/R/AGR
		BLINDOLAMP
		BLINDOFLATLAMP
		FAROLAMP
		STROBOLAMP



LR E14

LRE14S40W110	71615	BLINDOLAMP
LRE14S40W230	71616	BLINDOFLATLAMP
LRE14S40W240	71617	FAROLAMP/STROBOLAMP



LRE14T25W5048	71663	ROTALLARM
LRE14T25W110	71625	ROTALLARM STAGNO
LRE14T25W230	71623	PG/R/AGR
LRE14T25W240	71640	

LR BA 15d



LRBA15DT25W24	72768	GF 931
LRBA15DT25W110	72770	LR 932
LRBA15DT25W240	72772	

Single box



25PZBA15D5W12	27780	OVOLUX
25PZBA15D5W24	27781	CTL 600
25PZBA15D5W48	27782	MICROLAMP
25PZBA15D5W130	27783	SIRLAMP
25PZBA15D5W240	27784	SLEM
		SMFR 6.3
		SMFR 6.2

25 pc. box



25PZBA15D10W12	27785	OVOLUX
25PZBA15D10W24	27786	CTL 900
25PZBA15D10W48	27787	SMFR 9.3
25PZBA15D10W130	27788	SMFR 9.2
25PZBA15D10W240	27789	

25 pc. box

LR BA 15d



LRBA15D5W12	70941	OVOLUX
LRBA15D5W24	70942	CTL 600
LRBA15D5W48	70943	MICROLAMP
LRBA15D5W130	70944	SIRLAMP
LRBA15D5W240	70945	SLEM
		SMFR 6.3
		SMFR 6.2

Single box



LRBA15D10W12	70946	OVOLUX
LRBA15D10W24	70947	CTL 900
LRBA15D10W48	70948	SMFR 9.3
LRBA15D10W130	70949	SMFR 9.2
LRBA15D10W240	70950	

Single box



12PZBA15D25W12	72773	BABYLAMP
12PZBA15D25W24	72774	MAXIFLASH
12PZBA15D25W48	72775	MINIFLASH
12PZBA15D25W130	72776	CTL 1200
12PZBA15D25W240	72777	SMFR 12.3
		SMFR 12.2

12 pc. box



12PZBA15D40W12	72745	LAMPALLARM FRESNEL
12PZBA15D40W24	72746	LAMPALLARM FRESNEL STAGNO
12PZBA15D40W48	72747	MAXIFLASH
12PZBA15D40W130	72748	PG/AGR
12PZBA15D40W240	72749	

12 pc. box



LRBA15D25W12	70951	BABYLAMP
LRBA15D25W24	70952	MAXIFLASH
LRBA15D25W48	70953	MINIFLASH
LRBA15D25W130	70954	CTL 1200
LRBA15D25W240	70955	SMFR 12.3
		SMFR 12.2

Single box



LRBA15D40W12	70956	LAMPALLARM FRESNEL
LRBA15D40W24	70957	LAMPALLARM FRESNEL STAGNO
LRBA15D40W48	70958	MAXIFLASH
LRBA15D40W130	70959	PG/AGR
LRBA15D40W240	70960	

Single box



LR E27

LR E27100W230	27798	2 STR AG ARA
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LR H3

LRH355W12	71598	KIT FMA
LRH370W24	71599	FARO LAVORO



LR H BA 9s

LRHBA9S20W12	72786	BABYROT H 110V/230V
LRHBA9S20W24	72787	BABYROT H 24V



LR H BA 15d

LRHBA15D75W230	27799	LAMPOLUX H 1 STR AG ARA
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LR PAR 36

FAROPAR3612	71654	BLINDOFARO
FAROPAR3624	71655	



LR H1

LRH155W12	71602	ROTALLARM H1
LRH170W24	71603	ROTALLARM STAGNO H1
		AT/A8 H1
		AT/R5 H1
		AT/F6 H1
		AT/M7 H1
		PG/R/AGR H1
		PG/TOR/AGR H1
		ROTOLUX H
		PG/AGR/L H1
		MINIFLASH H1
		MAXIFLASH H1
		LAMPALLARM FRESNEL H1
		LAMPALL.FRESNEL STAGNO
		BLINDOLAMP H1
		BLINDOFLATLAMP H1
		FAROLAMP H1
		STROBOLAMP H1
		LAMPOLUX H
		FORC
		FOTC
		FO195 H1
		BILIGHT
		FPHS H1
		FPH H1



LR XENO 1J

LRX1J	70912	MICROXENOLAMP
		CTL X 900
		SIRLAMP
		FLASH ELEV
		SMFR 9.3X
		SMFR 9.2X



LR XENO 16J

LRX15-20J	71638	STROBO 1SEV AA
		STROBOLUX 15-20J
		STROBOFLASH 15-20J



LR XENO 2J

LRX2J	71634	OVOLUX
		CTL X 1200
		XENOFASH
		MAXIXENOFASH
		PG/X/AGR
		STROBOFLASH
		FAROLAMP XENO
		BLINDOFLATFLASH
		BLINDOFLASH
		LAMPALLARM XENOFRESNEL
		BLINDOFLASH AUTOALIMENTATO



LR XENO 3-9J

LRX39J14F	72788	BABYFLASH
		LAMPALLARM XENOFRESNEL



LR XENO 6J

LRX6J1F	71639	CTL X 1200
LRX6J2F	71607	MAXIXENOFASH
		PG/X/AGR
		STROBOFLASH
		FAROLAMP XENO
		BLINDOFLATFLASH
		BLINDOFLASH
		LAMPALLARM XENOFRESNEL
		STROBOFLASH AUTOALIMENTATO
		SMFR 12.3X
		SMFR 12.2X



LR HID

LRHID230	70939	FO 230 HID
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ACCESSORIES



**P BASE for:
ML / MXL**

⑥



Kg. 0,10

BPMLMXL 83066



**E BASE for:
ML / MXL**

⑥

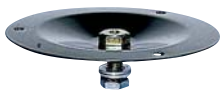


Kg. 0,085

BEMLMXL 83067

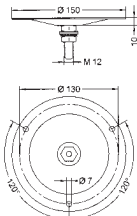
Black option available on request

SINGLE BOLT FIXATION



**BAP for:
RA / LA**

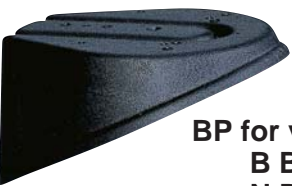
⑨



Kg. 0,3

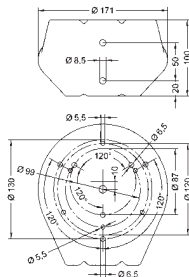
BAP 83098

WALL MOUNT



**BP for versions:
B BASE
N BASE**

⑧



Kg. 0,2

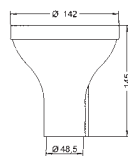
BP 71872

TUBE MOUNT



AG

⑦



Kg. 0,43

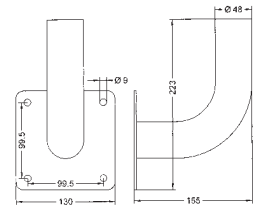
AGRALA 83005
AGSTF 83055

WALL SUPPORT



**SAP for:
AG**

⑩



Kg. 1,0

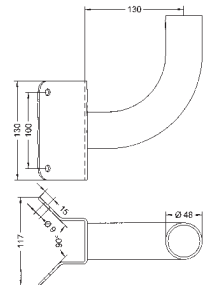
SAP48 83019

ANGLE SUPPORT



**SA for:
AG**

⑩



Kg. 1,2

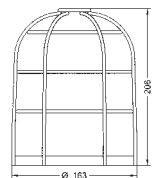
SA48 83018

GRID



GR STF/STL

⑰



Kg. 0,36

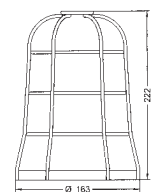
GRSTF 71693

GRID



GR RA/LA AL B1

⑰



Kg. 0,36

GRRAL 71689
GRLA 71690



ACCESSORIES

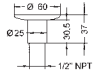
FEMALE – FEMALE ADAPTER



13

**TWS AFF for:
OVOLUX**

TWSAFF 27697



Kg. 0,01

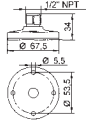
FOOT – with O-Ring and base gasket



13

**TWS BS for:
BABYROT
BABYLAMP
BABYFLASH
OVOLUX**

TWSBS 27760



Kg. 0,03

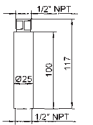
EXTENSION STEM (h. 10 cm. – stackable) – with O-Ring and two removable snap-shut stoppers



13

**TWS PR for:
BABYROT
BABYLAMP
BABYFLASH
OVOLUX**

TWSPR 27761



Kg. 0,03

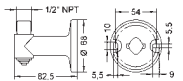
1 THREAD WALL SUPPORT – with O-Ring and base gasket



13

**TWS BP1 for:
BABYROT
BABYLAMP
BABYFLASH
OVOLUX**

TWSBP1 27762



Kg. 0,04

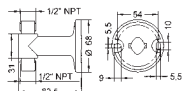
2 THREAD WALL SUPPORT – with O-Ring and base gasket



13

**TWS BP2 for:
BABYROT
BABYLAMP
BABYFLASH
OVOLUX**

TWSBP2 27763



Kg. 0,05

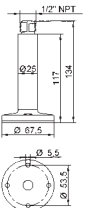
1 PR + 1 BS – with O-Ring, base gasket and two removable snap-shut stoppers



13

**TWS KIT for:
BABYROT
BABYLAMP
BABYFLASH
OVOLUX**

TWSKIT 27764



Kg. 0,06

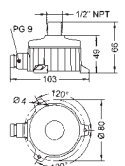
JUNCTION BOX



13

**TWS BOX PG9 for:
BABYROT
BABYLAMP
BABYFLASH
OVOLUX**

TWSBOX 27777



Kg. 0,1

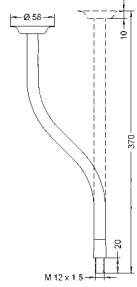
Black option available on request

FLEXIBLE STEM



43

**N TWS PF2 for:
OVOLUX**



Kg. 0,26

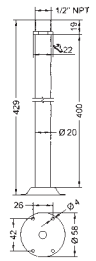
NTWSPF2 27696

STAINLESS STEEL EXTENSION STEM (h. 400 mm) with O-Ring



44

**TWS KIT INOX L / 400 for:
BABYROT
BABYLAMP
BABYFLASH
OVOLUX**



Kg. 0,28

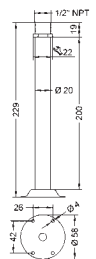
TWSKITINOXL400 27767

STAINLESS STEEL EXTENSION STEM (h. 200 mm) with O-Ring



44

**TWS KIT INOX L / 200 for:
BABYROT
BABYLAMP
BABYFLASH
OVOLUX**



Kg. 0,18

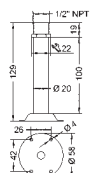
TWSKITINOXL200 27766

STAINLESS STEEL EXTENSION STEM (h. 100 mm) with O-Ring



44

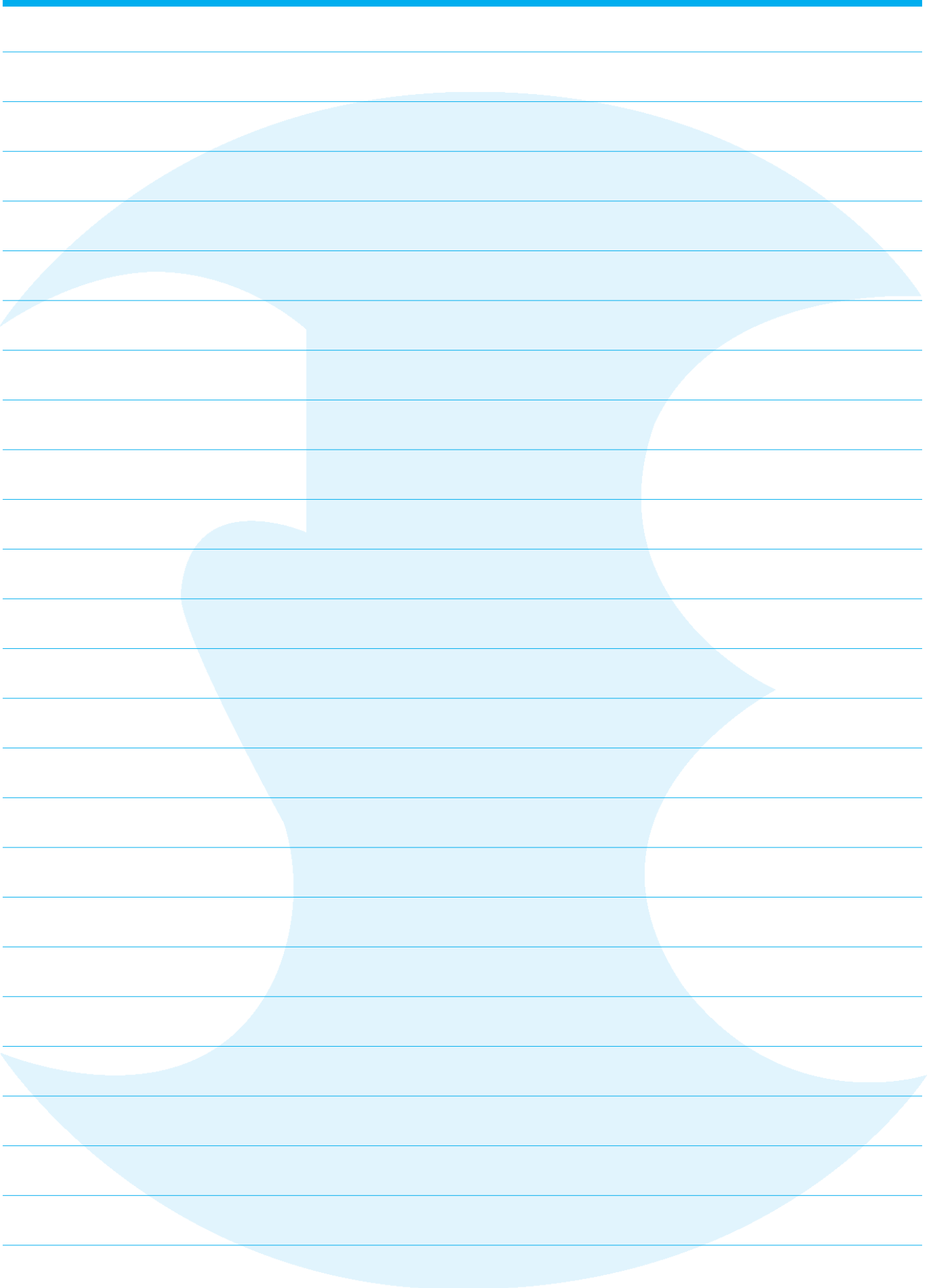
**TWS KIT INOX L / 100 for:
BABYROT
BABYLAMP
BABYFLASH
OVOLUX**



Kg. 0,14

TWSKITINOXL100 27765

Notes



Notes



Linea lampade a LED

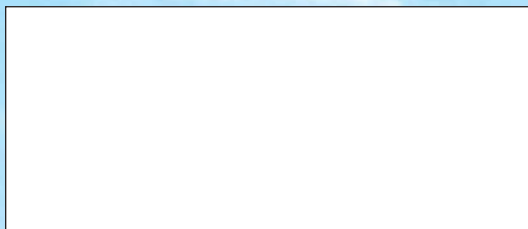
SIRENA

5
ed. 2006

Linea luminosa a Led integrati

SIRENA

6
ed. 2006



SIRENA S.p.A.

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