

LIOLA-P1_22S, LIOLA-P1_23S

Single Low Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE A - LOW INTENSITY OBSTACLE LIGHT



CAA- CAP 168 – LOW INTENSITY GROUP A

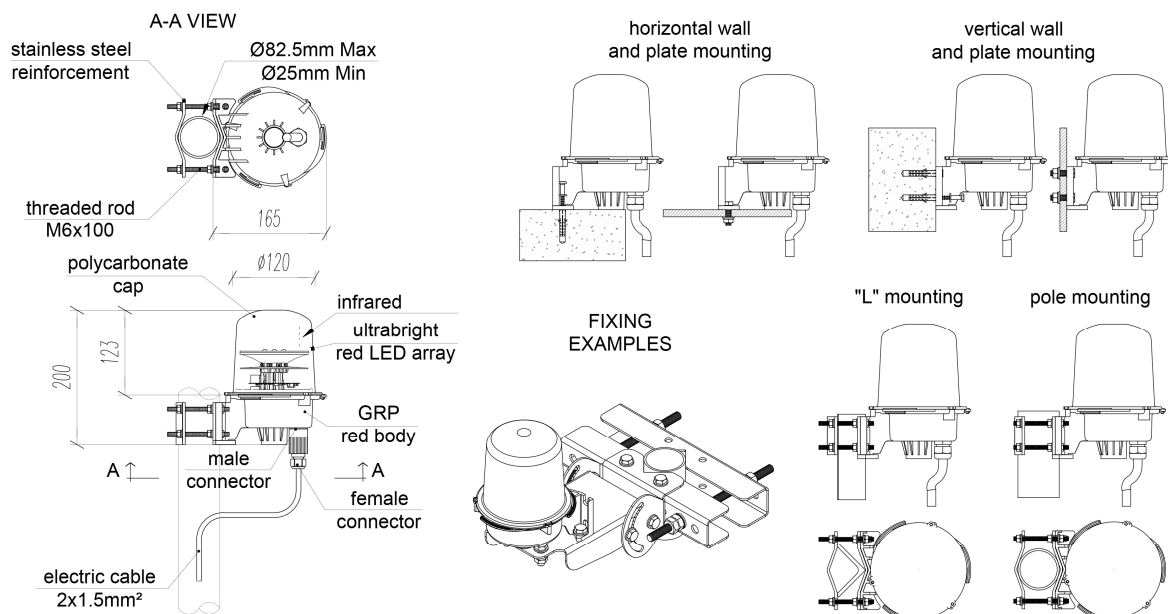
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- patented technology
- easy way for mounting – plug 'n' play connection
- the lowest weight and power consumption in the market
- extended power supply range: 10 to 60 Vdc, 110-230Vac
- horizontal and vertical fixings

SPECIFICATIONS

	LIOLA-P1_22S	LIOLA-P1_23S
Order Code		
Typical use	Night time	
Light source	LED	
Type of beacon	Steady	
Colour	Red according to CIE Chromaticity Boundary	
Light Intensity	>10 cd	
Horizontal coverage	360°	
Input voltage	10 ÷ 60 Vdc	110 ÷ 230 Vac
Power consumption	1.6 W	2 W
Average life	100 000 hours	
Temperature range	-40 to +55 °C	-30 °C to +55 °C
Protection degree	IP66	
Material of the body	Glass Reinforced Plastic red body (UL94-HB)	
Material of the transparent cap	Polycarbonate (UL94-V2)	
Connection	M/F connector IP66/68 for cable up to Ø 7 - 13 mm	
Weight	700 g	
Fixing	Stainless steel anchor basement for poles with diameter up to 82 mm.	
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. Ø = 48,3 mm; max. Ø 219,1 mm). Adjustable fixing plate (± 60° on the horizontal plan)	

TECHNICAL DRAWINGS



LIOLA-P1_22D, LIOLA-P1_23D

Double Low Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE A - LOW INTENSITY OBSTACLE LIGHT



CAA- CAP 168 – LOW INTENSITY GROUP A

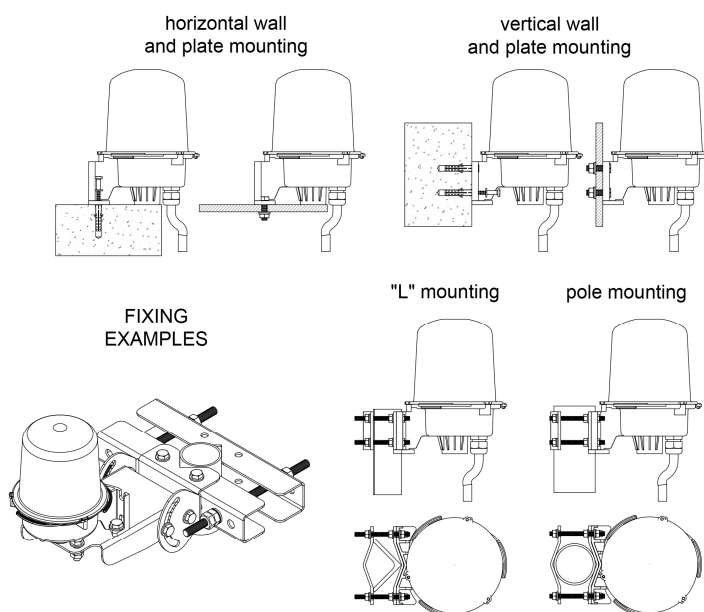
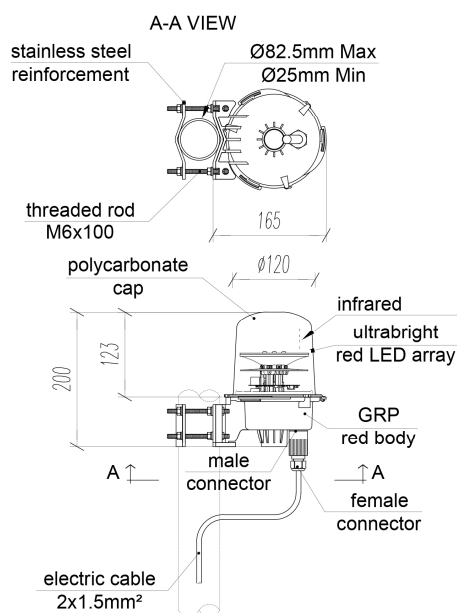
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- innovative single LED layer for a double light
- easy way for mounting – plug 'n' play connection
- the lowest weight in the market
- extended power supply range: 10 to 60 Vdc, 110-230Vac
- patented technology

SPECIFICATIONS

	LIOLA-P1_22D	LIOLA-P1_23D
Order Code		
Typical use	Night time	
Light source	LED	
Type of beacon	Double (main + stand-by) steady	
Colour	Red according to CIE Chromaticity Boundary	
Light Intensity	>10 cd	
Horizontal coverage	360°	
Input voltage	10 ÷ 60 Vdc	110 ÷ 230 Vac
Power consumption	3.2 W*	4 W*
Average life	100 000 hours	
Temperature range	-40 to +55 °C	-30 to +55 °C
Protection degree	IP66	
Material of the body	Glass Reinforced Plastic red body (UL94-HB)	
Material of the transparent cap	Polycarbonate (UL94-V2)	
Connection	M/F connector IP66/68 for cable up to Ø 7 - 13 mm	
Weight	700 g	
Fixing	Stainless steel anchor basement for poles with diameter up to 82 mm. Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. Ø = 48,3 mm; max. Ø 219,1 mm). Adjustable fixing plate (± 60° on the horizontal plan)	
Optional fixing SCSG_HDGS	* Worst case consumption if for a minor fault both main and stand-by lights are working	

TECHNICAL DRAWINGS



LIOLB-P1_22S, LIOLB-P1_23S

Single Low Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE B - LOW INTENSITY OBSTACLE LIGHT



FAA AC 150/5345-43J
TYPE L-810

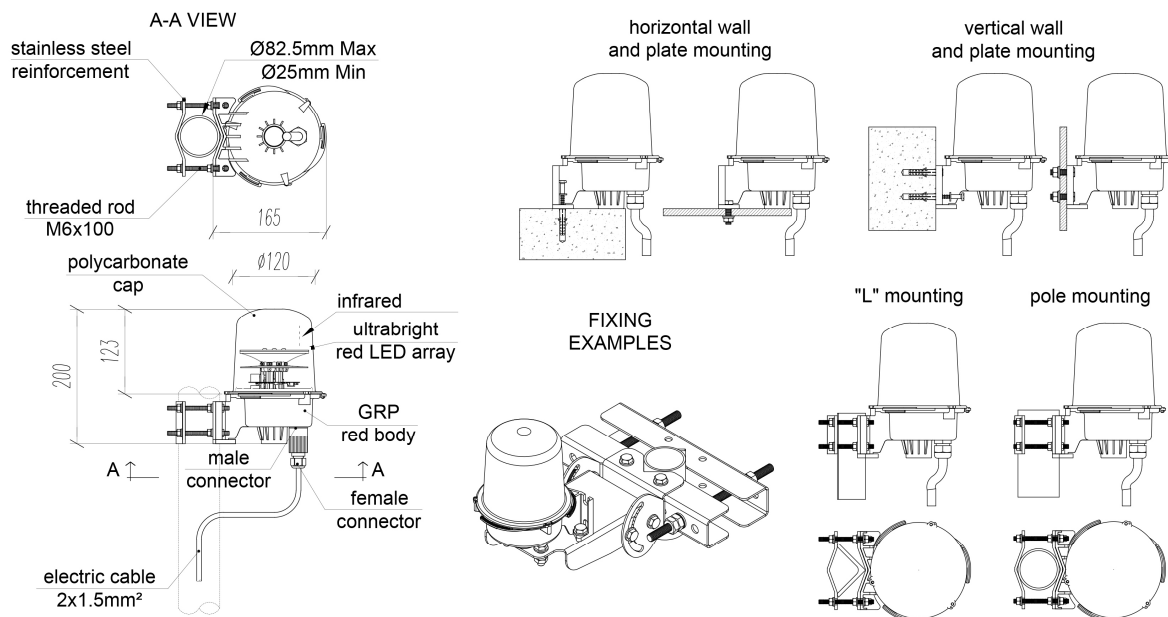
KEY FEATURES & BENEFITS

- designed and manufactured in Italy by Clampco Sistemi
- patented technology
- easy way for mounting – plug 'n' play connection
- the lowest weight in the market
- extended power supply range: 10 to 60 Vdc, 110-230Vac

SPECIFICATIONS

	LIOLB-P1_22S	LIOLB-P1_23S
Order Code		
Typical use	Night time	
Light source	LED	
Type of beacon	Steady	
Colour	Red according to CIE Chromaticity Boundary	
Light Intensity	>32.5 cd	
Horizontal coverage	360°	
Input voltage	10 ÷ 60 Vdc	110 ÷ 230 Vac
Power consumption	3 W	4.5 W
Average life	100 000 hours	
Temperature range	-40 to +55 °C	-30 to +55 °C
Protection degree	IP66	
Material of the body	Glass Reinforced Plastic red body (UL94-HB)	
Material of the transparent cap	Polycarbonate (UL94-V2)	
Connection	M/F connector IP66/68 for cable up to Ø 7 - 13 mm	
Weight	700 g	
Fixing	Stainless steel anchor basement for poles with diameter up to 82 mm.	
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. Ø = 48,3 mm; max. Ø 219,1 mm). Adjustable fixing plate (± 60° on the horizontal plan)	

TECHNICAL DRAWINGS



Clampco Sistemi reserves the right to make changes at any time in order to supply the best product possible

LIOLB-P1_22D, LIOLB-P1_23D

Double Low Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE B - LOW INTENSITY OBSTACLE LIGHT



FAA AC 150/5345-43J
TYPE L-810

KEY FEATURES

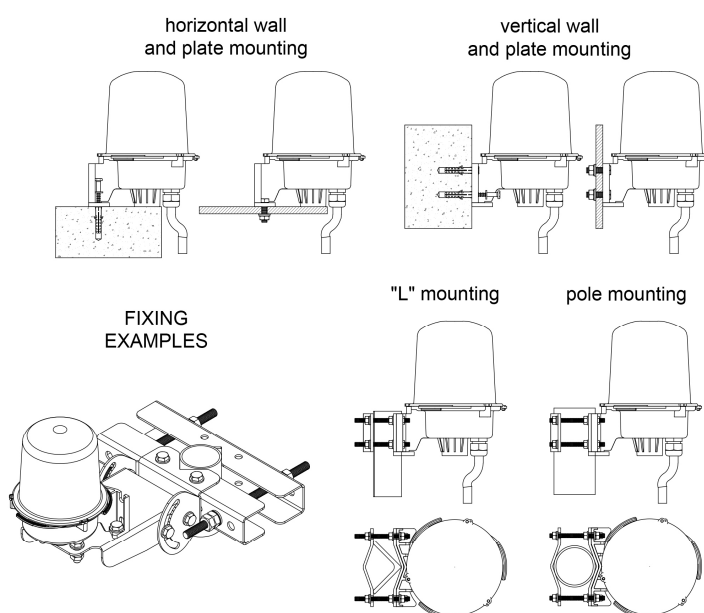
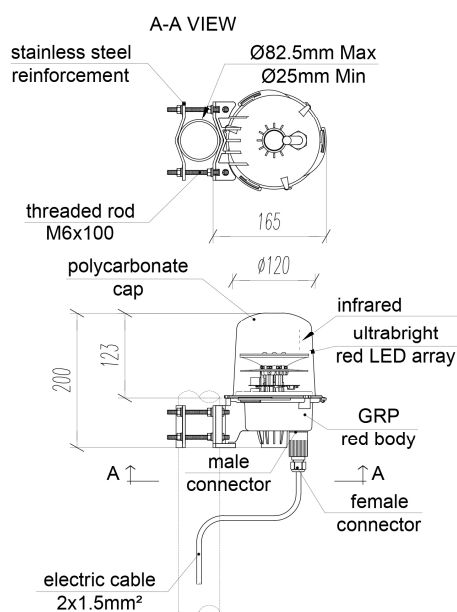
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- innovative single LED layer for a double light
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- patented technology

SPECIFICATIONS

	LIOLB-P1_22D	LIOLB-P1_23D
Order Code		
Typical use	Night time	
Light source	LED	
Type of beacon	Double (main + stand-by) steady	
Colour	Red according to CIE Chromaticity Boundary	
Light Intensity	>32.5 cd	
Horizontal coverage	360°	
Input voltage	10 ÷ 60 Vdc	110 ÷ 230 Vac
Power consumption	3 + 3 W*	4.5 + 4.5 W*
Average life	100 000 hours	
Temperature range	-40 to +55 °C	-30 to +55 °C
Protection degree	IP66	
Material of the body	Glass Reinforced Plastic red body (UL94-HB)	
Material of the transparent cap	Polycarbonate (UL94-V2)	
Connection	M/F connector IP66/68 for cable up to Ø 7 - 13 mm	
Weight	700 g	
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