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

Order Code	UOLA B1 225	
	LIOLA-P1_22S	LIOLA-P1_23S
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 (min. ø = 48,3 mm; max. ø 219,1 mm). Adjustak	

TECHNICAL DRAWINGS



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

Rev. 02

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	

Order Code	
Typical use	
Light source	
Type of beacon	
Colour	
Light Intensity	
Horizontal coverage	
Input voltage	
Power consumption	
Average life	
Temperature range	
Protection degree	
Material of the body	
Material of the transparent cap	
Connection	
Weight	
Fixing	
Optional fixing SCSG_HDGS	

LIOLA-P1_22D	LIOLA-P1_23D			
Night tim	e			
LED				
Double (main + stan	d-by) steady			
Red according to CIE Chro	omaticity Boundary			
>10 cd				
360°				
10 ÷ 60 Vdc	110÷230 Vac			
3.2 W*	4 W*			
100 000 hc	ours			
-40 to +55 °C	-30 to +55 °C			
IP66				
Glass Reinforced Plastic red body (UL94-HB)				
Polycarbonate (UL94-V2)			
M/F connector IP66/68 for cable up to ø 7 - 13 mm				
700 g				
Stainless steel anchor basement for poles with diameter up to 82 mm.				
hardware for "I" shaped sections (50x50 n	nm min · 160x160 mm max)· circular profiles			

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) * Worst case consumption if for a minor fault both main and stand-by lights are working

TECHNICAL DRAWINGS



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

Rev. 02

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

Order Code	LIOLB-P1_22S	LIOLB-P1_23S
Typical use	Night	t time
Light source	LE	D
Type of beacon	Stee	ady
Colour	Red according to CIE Chromaticity Boundary	
Light Intensity	>32.5 cd	
Horizontal coverage	36	0°
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 fo	r cable up to ø 7 - 13 mm
Weight		0 g
Fixing	Stainless steel anchor basement fo	r poles with diameter up to 82 mm.
Optional fixing SCSG_HDGS	e 1 1	50 mm min.; 160x160 mm max.); circular profiles able 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

- 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

LIOLB-P1_22D	LIOLB-P1_23D		
Night tir	ne		
LED			
Double (main + stand-by) steady			
Red according to CIE Chromaticity Boundary			
>32.5 c	cd		
360°			
10 ÷ 60 Vdc	110 ÷ 230 Vac		
3 + 3 W*	4.5 + 4.5 W*		
100 000 hours			
-40 to +55 °C	-30 to +55 °C		
IP66			
Glass Reinforced Plastic red body (UL94-HB)			
Polycarbonate (UL94-V2)			
M/F connector IP66/68 for cable up to ø 7 - 13 mm			
700 g			
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. ϕ = 48,3 mm; max. ϕ 219,1 mm). Adjustable fixing plate (± 60° on the horizontal plan) * Worst case consumption if for a minor fault both main and stand-by lights are working

TECHNICAL DRAWINGS

SPECIFICATIONS



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