

MIOLA-M1_48S

Single Medium Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



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



FAA AC 150/5345-43F
TYPE L-865

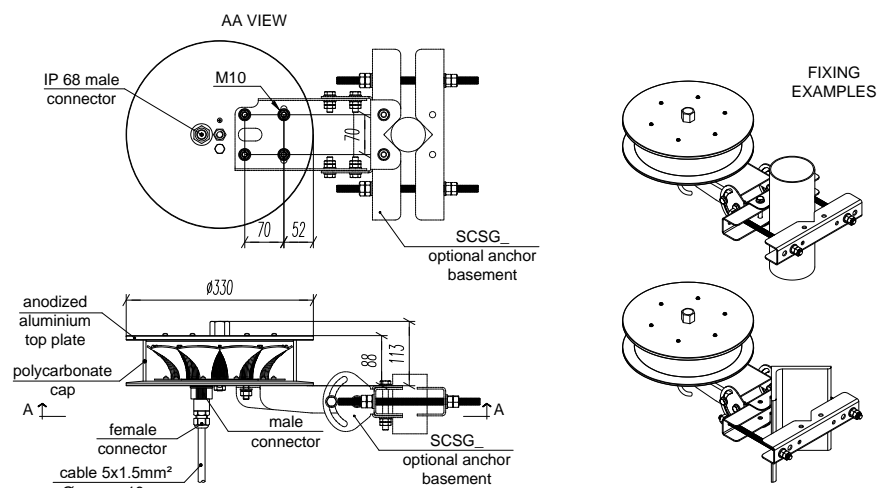
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former SEGS48P20K_15 model
- easy way for mounting – plug 'n' play connection
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLA-M1_48S
Lamp ID	SEGS48P20K_15
Typical use	day and night time
Light source	LED
Type of beacon	flashing
Colour	white according to CIE Chromaticity Boundary
Light Intensity	20.000 cd day mode / 2.000 cd night mode
Flashing rate	20 ÷ 40 fpm (flash per minute)
Horizontal coverage	360°
Input voltage	48 – 55 Vdc
Average power consumption	40 W day mode / 5 W night mode @20fpm, $\tau = 500$ ms
Peak power consumption	240 W day mode / 30 W night mode
Average life	100.000 hours
Temperature range	from -40 °C to +55 °C
Protection degree	IP66
Material of the body	Anodized aluminum
Material of the transparent cap	Polycarbonate
Connection	M/F connector IP68 for cable up to \varnothing 13 mm
Weight	6,5 Kg
Radiation shield	Stainless steel AISI 304
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. $\varnothing = 48,3$ mm; max. \varnothing 219.1 mm). Adjustable fixing plate ($\pm 60^\circ$ on the horizontal plan).
Optional codes	MIOLA-M1_48SC MIOLA-M1_48SL
	Equipped with Faraday cage, SEGS48P20K_15_FC compliant Powerline control (dedicated control board needed), SEGS48P20K_17 compliant

TECHNICAL DRAWINGS



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

MIOLA-M1_23S

Single Medium Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



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



FAA AC 150/5345-43F
TYPE L-865

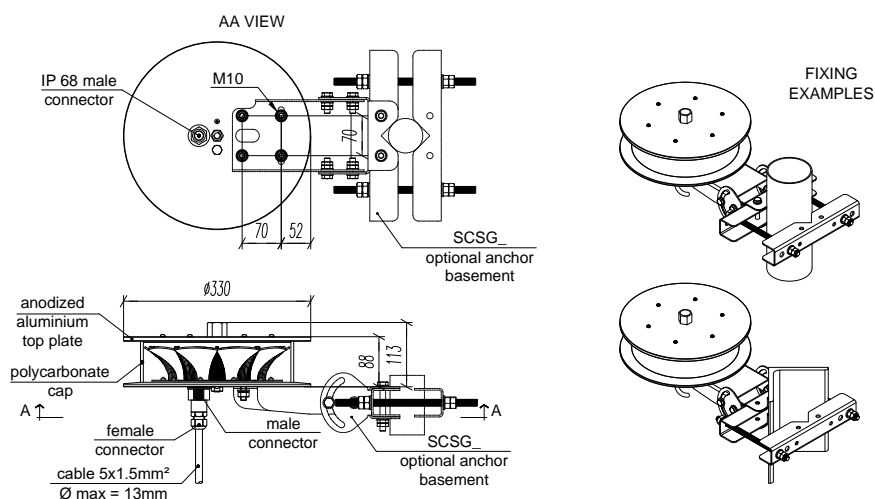
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former SEGS23P20K_15 model
- easy way for mounting – plug 'n' play connection
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLA-M1_23S
Lamp ID	SEGS23P20K_15
Typical use	day and night time
Light source	LED
Type of beacon	flashing
Colour	white according to CIE Chromaticity Boundary
Light Intensity	20.000 cd day mode / 2.000 cd night mode
Flashing rate	20 ÷ 40 fpm (flash per minute)
Horizontal coverage	360°
Input voltage	110 – 230 Vac
Average power consumption	40 W day mode / 5 W night mode @20fpm, $\tau = 500$ ms
Peak power consumption	250 W day mode / 30 W night mode
Average life	100.000 hours
Temperature range	from -40 °C to +55 °C
Protection degree	IP66
Material of the body	Anodized aluminum
Material of the transparent cap	Polycarbonate
Connection	M/F connector IP68 for cable up to \varnothing 13 mm
Weight	6,5 Kg + 13 Kg (Junction Box)
Radiation shield	Stainless steel AISI 304
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. $\varnothing = 48,3$ mm; max. \varnothing 219.1 mm). Adjustable fixing plate ($\pm 60^\circ$ on the horizontal plan).
Optional codes	MIOLA-M1_23SC MIOLA-M1_23SL
	Equipped with Faraday cage, SEGS23P20K_15_FC compliant Powerline control (dedicated control board needed), SEGS23P20K_17 compliant

TECHNICAL DRAWINGS



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

MIOLA-M1_23D

Double Medium Intensity Type A Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



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



FAA AC 150/5345-43F;
TYPE L-865 & L-864

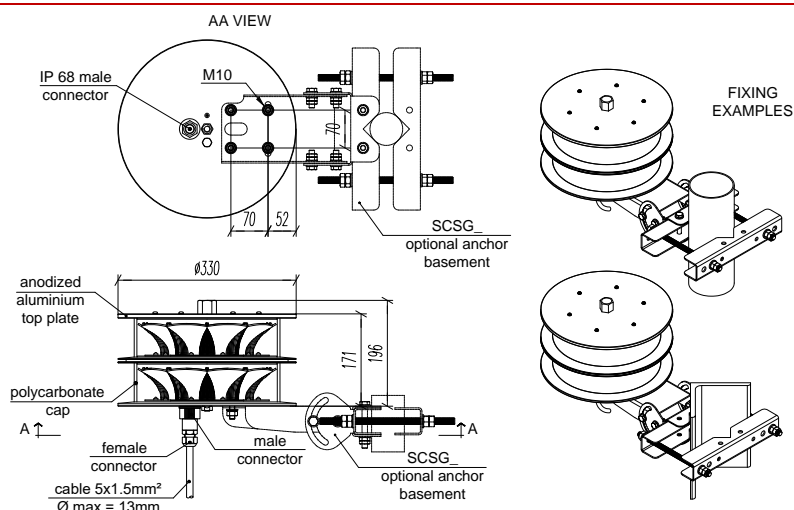
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former SEGSD23P20K_2K_15 model
- easy way for mounting – plug 'n' play connection
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLA-M1_23D
Lamp ID	SEGD23P20K_1
Typical use	day and night time
Light source	LED
Type of beacon	flashing
Colour	white day mode / white night mode according to CIE Chromaticity Boundary
Light Intensity	20000 cd day mode / 2000 cd night mode
Flashing rate	20 ÷ 40 fpm (flash per minute)
Horizontal coverage	360°
Input voltage	110 – 230 Vac
Average power consumption	55 W day mode / 6 W night mode @20fpm, $\tau = 500$ ms
Peak power consumption	250 W day mode / 35 W night mode
Average life	100 000 hours
Temperature range	from -40 °C to +55 °C
Protection degree	IP66
Material of the body	Anodized aluminum
Material of the transparent cap	Polycarbonate
Connection	M/F connector IP68 for cable up to \varnothing 13 mm
Weight	11 Kg + 13 Kg (Junction Box)
Radiation shield	Stainless steel AISI 304
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. \varnothing = 48,3 mm; max. \varnothing 219,1 mm). Adjustable fixing plate (\pm 60° on the horizontal plan).
Optional codes	MIOLAB-M1_23DC Equipped with Faraday cage, SEGSD23P20K_2K_15_FC compliant MIOLAB-M1_23DL Powerline control (dedicated control board needed), SEGSD23P20K_1_17 compliant

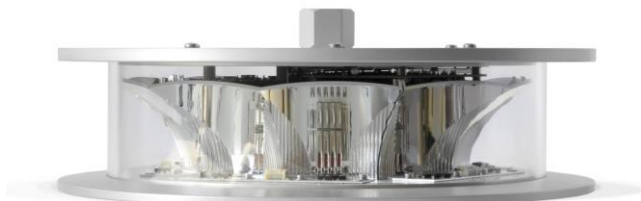
TECHNICAL DRAWINGS



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

MIOLB-M1_12S, MIOLB-M1_48S, MIOLB-M1_23S

Single Medium Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



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



FAA AC 150/5345-43J
TYPE L-864

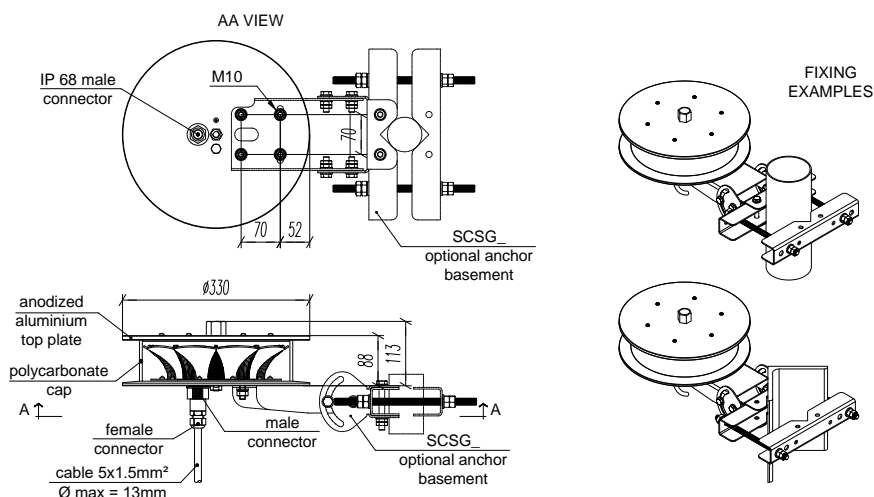
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former model SEGsxxP2K_xx
- the lowest power consumption in the market
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLB-M1_12S	MIOLB-M1_48S	MIOLB-M1_23S
Lamp ID	SEGS12P2K_15	SEGS48P2K_15	SEGS23P2K_15
Typical use	Night time		
Light source	LED		
Type of beacon	Flashing		
Colour	Red according to CIE Chromaticity Boundary		
Light Intensity	2000 cd		
Flashing rate	20 ÷ 40 fpm (flash per minute)		
Horizontal coverage	360°		
Input voltage	12 Vdc	24 ÷ 48 Vdc	110 – 230 Vac
Average power consumption	5 W @ 20 FPM, $\tau = 500$ ms	5 W @ 20 FPM, $\tau = 500$ ms	6 W @ 20 FPM, $\tau = 500$ ms
Peak power consumption	30 W	30 W	35 W
Average life	100 000 hours		
Temperature range	from -40 °C to +55 °C		
Protection degree	IP66		
Material of the body	Anodized aluminum		
Material of the transparent cap	Polycarbonate		
Connection	M/F connector IP68 for cable up to \varnothing 13 mm		
Weight	5,5 Kg		
Radiation shield	Stainless steel AISI 304 to be ordered separately		
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. \varnothing = 48,3 mm; max. \varnothing 219.1 mm). Adjustable fixing plate (\pm 60° on the horizontal plan).		
Optional codes	MIOLB-M1_xxSC	Equipped with Faraday cage, SEGsxxP2K_15_FC compliant	
	MIOLB-M1_xxSL	Powerline control (dedicated control board needed), SEGsxxP2K_17 compliant	

TECHNICAL DRAWINGS



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

MIOLB-M1_12D, MIOLB-M1_48D, MIOLB-M1_23D

Double (main + stand-by) Medium Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



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



FAA AC 150/5345-43J
TYPE L-864

KEY FEATURES

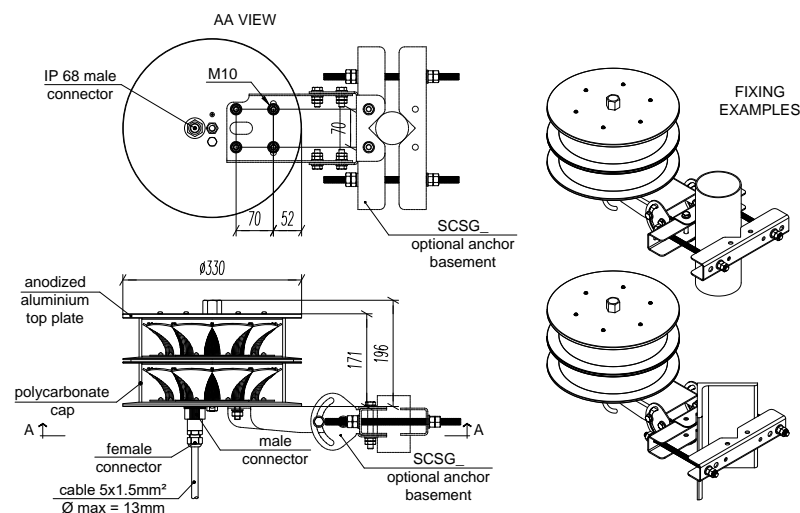
- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former model SEGDXP2K_1_15
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLB-M1_12D	MIOLB-M1_48D	MIOLB-M1_23D
Lamp ID	SEGD12P2K_1_15	SEGD48P2K_1_15	SEGD23P2K_1_15
Typical use	Night time		
Light source	LED		
Type of beacon	Flashing		
Colour	Red according to CIE Chromaticity Boundary		
Light Intensity	2000 cd		
Flashing rate	20 ÷ 40 fpm (flash per minute)		
Horizontal coverage	360°		
Input voltage	12 Vdc	24 ÷ 48 Vdc	110 – 230 Vac
Average power consumption	5 W @ 20 FPM, $\tau = 500$ ms	5 W @ 20 FPM, $\tau = 500$ ms	6 W @ 20 FPM, $\tau = 500$ ms
Peak power consumption	30 + 30 W*	30 + 30 W*	35 + 35 W*
Average life	100 000 hours		
Temperature range	from -40 °C to +55 °C		
Protection degree	IP66		
Material of the body	Anodized aluminum		
Material of the transparent cap	Polycarbonate		
Connection	M/F connector IP68 for cable up to \varnothing 13 mm		
Weight	10 Kg		
Radiation shield	Stainless steel AISI 304 to be ordered separately		
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. \varnothing = 48,3 mm; max. \varnothing 219.1 mm). Adjustable fixing plate (\pm 60° on the horizontal plan).		
Optional codes	MIOLB-M1_xxDC	Equipped with Faraday cage, SEGDXP2K_1_15_FC compliant	
	MIOLB-M1_xxDL	Powerline control (dedicated control board needed), SEGDXP2K_1_17 compliant	

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

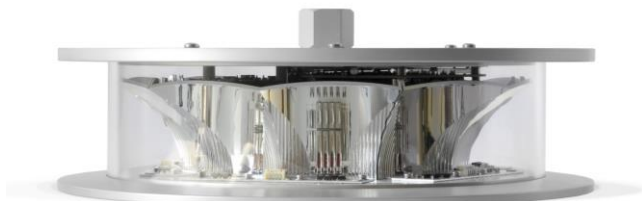
TECHNICAL DRAWINGS



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

MIOLC-M1_12S, MIOLC-M1_48S, MIOLC-M1_23S

Single Medium Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE C - MEDIUM INTENSITY OBSTACLE LIGHT



CAA-CAP 168
 MEDIUM INTENSITY OBSTACLE LIGHT

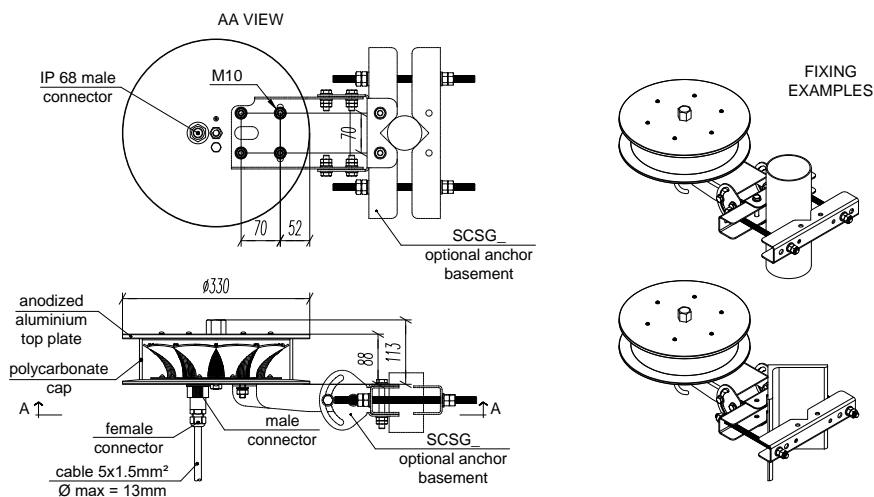
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former model SEG\$xxC2K_15
- the lowest power consumption in the market
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLC-M1_12S	MIOLC-M1_48S	MIOLC-M1_23S
Lamp ID	SEGS12C2K_15	SEGS48C2K_15	SEGS23C2K_15
Typical use	Night time		
Light source	LED		
Type of beacon	Steady		
Colour	Red according to CIE Chromaticity Boundary		
Light Intensity	2000 cd		
Horizontal coverage	360°		
Input voltage	12 Vdc	24 ÷ 48 Vdc	110 – 230 Vac
Power consumption	26 W	26 W	27,5 W
Average life	100 000 hours		
Temperature range	from -40 °C to +55 °C		
Protection degree	IP66		
Material of the body	Anodized aluminum		
Material of the transparent cap	Polycarbonate		
Connection	M/F connector IP68 for cable up to ø 13 mm		
Weight	5,5 Kg		
Radiation shield	Stainless steel AISI 304 to be ordered separately		
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).		
Optional codes	MIOLC-M1_xxSC MIOLC-M1_xxSL	Equipped with Faraday cage, SEG\$xxC2K_15_FC compliant Powerline control (dedicated control board needed), SEG\$xxC2K_17 compliant	

TECHNICAL DRAWINGS



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

MIOLC-M1_12D, MIOLC-M1_48D, MIOLC-M1_23D

Double (main + stand-by) Medium Intensity Obstruction Light



MIOLC-M1_23D

PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE C - MEDIUM INTENSITY OBSTACLE LIGHT



CAA-CAP 168 MEDIUM INTENSITY OBSTACLE LIGHT

KEY FEATURES

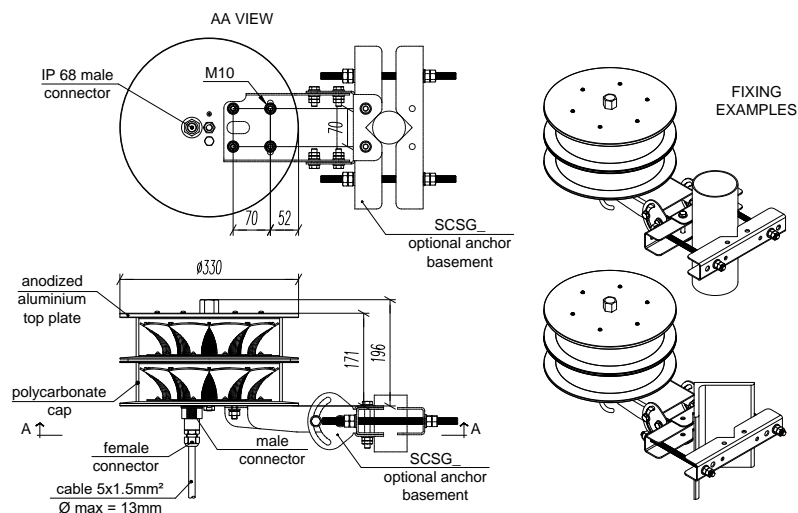
- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former model SEG\$xxC2K_1_15
- the lowest power consumption in the market
- EMF immunity up to 60V/m

SPECIFICATIONS

	MIOLC-M1_12D	MIOLC-M1_48D	MIOLC-M1_23D
Order Code	SEGD12C2K_1_15	SEGD48C2K_1_15	SEGD23C2K_1_15
Lamp ID		Night time	
Typical use		LED	
Light source		Steady	
Type of beacon		Red according to CIE Chromaticity Boundary	
Colour		2000 cd	
Light Intensity		360°	
Horizontal coverage			
Input voltage	12 Vdc	24 ÷ 48 Vdc	110 – 230 Vac
Power consumption	26 + 26 W*	26 + 26 W*	27,5 + 27,5 W*
Average life		100 000 hours	
Temperature range		from -40 °C to +55 °C	
Protection degree		IP66	
Material of the body		Anodized aluminum	
Material of the transparent cap		Polycarbonate	
Connection		M/F connector IP68 for cable up to Ø 13 mm	
Weight		10 Kg	
Radiation shield		Stainless steel AISI 304 to be ordered separately	
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).	
Optional codes	MIOLC-M1_xxDC	Equipped with Faraday cage, SEG\$xxC2K_1_15_FC compliant	
	MIOLC-M1_xxDL	Powerline control (dedicated control board needed), SEG\$xxC2K_1_17 compliant	

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

TECHNICAL DRAWINGS



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MIOLAB-M1_48S

Dual mode Medium Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE A & B - MEDIUM INTENSITY OBSTACLE LIGHT



FAA AC 150/5345-43F;
TYPE L-865 & L-864

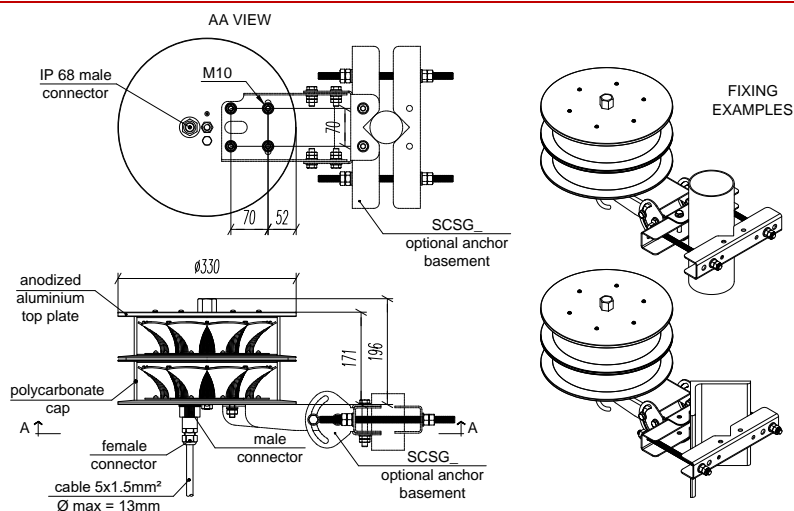
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former SEGS48P20K_2K_15 model
- easy way for mounting – plug 'n' play connection
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLAB-M1_48S
Lamp ID	SEGS48P20K_2K_15
Typical use	day and night time
Light source	LED
Type of beacon	flashing
Colour	white day mode / red night mode according to CIE Chromaticity Boundary
Light Intensity	20000 cd day mode / 2000 cd night mode
Flashing rate	20 ÷ 40 fpm (flash per minute)
Horizontal coverage	360°
Input voltage	48 – 55 Vdc
Average power consumption	40 W day mode / 5 W night mode @20fpm, $\tau = 500$ ms
Peak power consumption	240 W day mode / 30 W night mode
Average life	100 000 hours
Temperature range	from -40 °C to +55 °C
Protection degree	IP66
Material of the body	Anodized aluminum
Material of the transparent cap	Polycarbonate
Connection	M/F connector IP68 for cable up to \varnothing 13 mm
Weight	11 Kg + 13 Kg (Junction Box)
Radiation shield	Stainless steel AISI 304
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. $\varnothing = 48,3$ mm; max. \varnothing 219.1 mm). Adjustable fixing plate ($\pm 60^\circ$ on the horizontal plan).
Optional codes	MIOLAB-M1_48SC MIOLAB-M1_48SL
	Equipped with Faraday cage, SEGS48P20K_2K_15_FC compliant Powerline control (dedicated control board needed), SEGS48P20K_2K_17 compliant

TECHNICAL DRAWINGS



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

MIOLAB-M1_23S

Dual mode Medium Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE A & B - MEDIUM INTENSITY OBSTACLE LIGHT



FAA AC 150/5345-43F;
TYPE L-865 & L-864

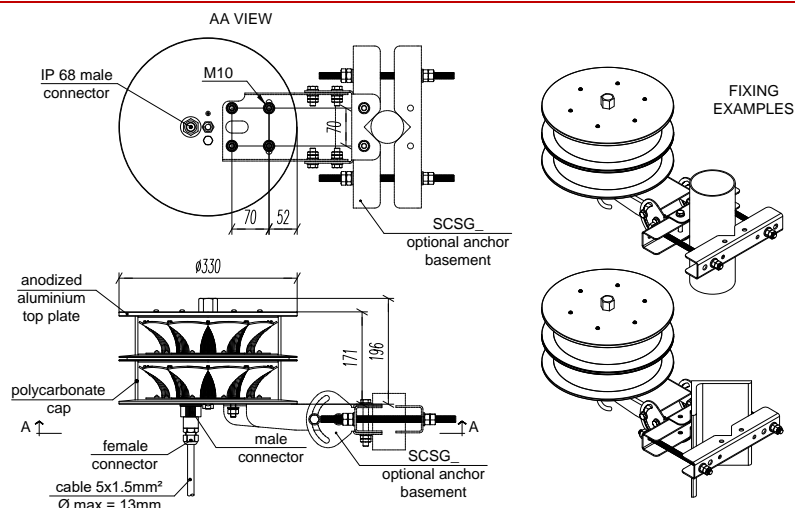
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former SEGS23P20K_2K_15 model
- easy way for mounting – plug 'n' play connection
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLAB-M1_23S
Lamp ID	SEGS23P20K_2K_15
Typical use	day and night time
Light source	LED
Type of beacon	flashing
Colour	white day mode / red night mode according to CIE Chromaticity Boundary
Light Intensity	20000 cd day mode / 2000 cd night mode
Flashing rate	20 ÷ 40 fpm (flash per minute)
Horizontal coverage	360°
Input voltage	110 – 230 Vac
Average power consumption	55 W day mode / 6 W night mode @20fpm, $\tau = 500$ ms
Peak power consumption	250 W day mode / 35 W night mode
Average life	100 000 hours
Temperature range	from -40 °C to +55 °C
Protection degree	IP66
Material of the body	Anodized aluminum
Material of the transparent cap	Polycarbonate
Connection	M/F connector IP68 for cable up to \varnothing 13 mm
Weight	11 Kg + 13 Kg (Junction Box)
Radiation shield	Stainless steel AISI 304
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. \varnothing = 48,3 mm; max. \varnothing 219,1 mm). Adjustable fixing plate (\pm 60° on the horizontal plan).
Optional codes	MIOLAB-M1_23SC MIOLAB-M1_23SL
	Equipped with Faraday cage, SEGS23P20K_2K_15_FC compliant Powerline control (dedicated control board needed), SEGS23P20K_2K_17 compliant

TECHNICAL DRAWINGS



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MIOLAC-M1_48S

Dual mode Medium Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE A & C - MEDIUM INTENSITY OBSTACLE LIGHT



FAA AC 150/5345-43F;
TYPE L-865

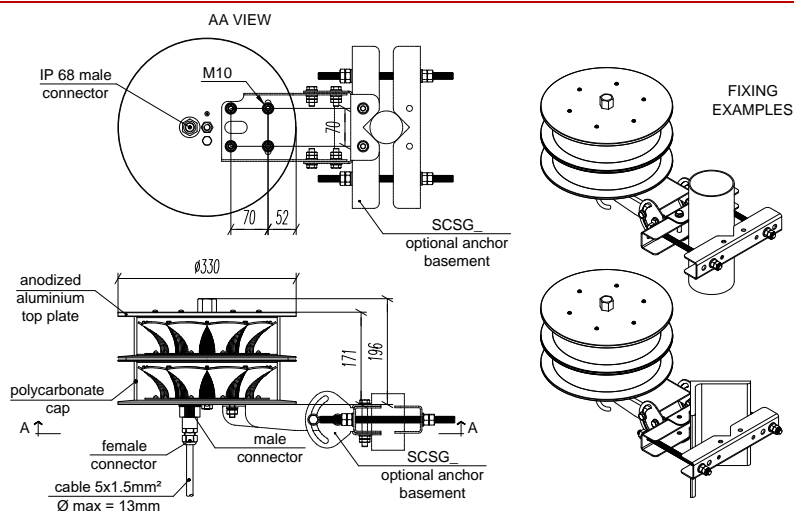
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former SEGS48P20K_C2K_15 model
- easy way for mounting – plug 'n' play connection
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLAC-M1_48S
Lamp ID	SEGS48P20K_C2K_15
Typical use	day and night time
Light source	LED
Type of beacon	Flashing (day mode) and Steady (night mode)
Colour	white day mode / red night mode according to CIE Chromaticity Boundary
Light Intensity	20.000 cd day mode / 2.000 cd night mode
Flashing rate	20 ÷ 40 fpm (flash per minute)
Horizontal coverage	360°
Input voltage	48 – 55 Vdc
Average power consumption	55 W day mode @20fpm, $\tau = 500$ ms
Peak power consumption	250 W day mode / 30 W night mode
Average life	100 000 hours
Temperature range	from -40 °C to +55 °C
Protection degree	IP66
Material of the body	Anodized aluminum
Material of the transparent cap	Polycarbonate
Connection	M/F connector IP68 for cable up to \varnothing 13 mm
Weight	11 Kg
Radiation shield	Stainless steel AISI 304
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. $\varnothing = 48,3$ mm; max. \varnothing 219.1 mm). Adjustable fixing plate ($\pm 60^\circ$ on the horizontal plan).
Optional codes	MIOLAC-M1_48SC Equipped with Faraday cage, SEGS48P20K_C2K_15_FC compliant MIOLAC-M1_48SL Powerline control (dedicated control board needed), SEGS48P20K_C2K_17 compliant

TECHNICAL DRAWINGS



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MIOLAC-M1_23S

Dual mode Medium Intensity Obstruction Light



PHOTOMETRIC STANDARD COMPLIANCE



ICAO ANNEX 14, VOLUME I
TYPE A & C - MEDIUM INTENSITY OBSTACLE LIGHT



FAA AC 150/5345-43F;
TYPE L-865

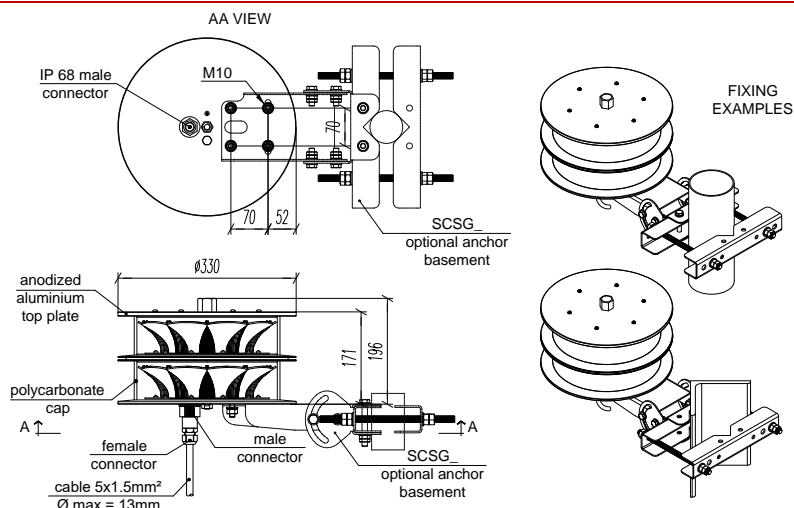
KEY FEATURES

- designed and manufactured in Italy by Clampco Sistemi
- fully compliant with former SEGS23P20K_C2K_15 model
- easy way for mounting – plug 'n' play connection
- EMF immunity up to 60V/m

SPECIFICATIONS

Order Code	MIOLAC-M1_23S
Lamp ID	SEGS23P20K_C2K_15
Typical use	day and night time
Light source	LED
Type of beacon	Flashing (day mode) and Steady (night mode)
Colour	white day mode / red night mode according to CIE Chromaticity Boundary
Light Intensity	20.000 cd day mode / 2.000 cd night mode
Flashing rate	20 ÷ 40 fpm (flash per minute)
Horizontal coverage	360°
Input voltage	110 – 230 Vac
Average power consumption	55 W day mode @20fpm, $\tau = 500$ ms
Peak power consumption	250 W day mode / 35 W night mode
Average life	100 000 hours
Temperature range	from -40 °C to +55 °C
Protection degree	IP66
Material of the body	Anodized aluminum
Material of the transparent cap	Polycarbonate
Connection	M/F connector IP68 for cable up to \varnothing 13 mm
Weight	11 Kg + 13 Kg (Junction Box)
Radiation shield	Stainless steel AISI 304
Optional fixing SCSG_HDGS	Mounting hardware for "L" shaped sections (50x50 mm min.; 160x160 mm max.); circular profiles (min. \varnothing = 48,3 mm; max. \varnothing 219,1 mm). Adjustable fixing plate (\pm 60° on the horizontal plan).
Optional codes	MIOLAC-M1_23SC Equipped with Faraday cage, SEGS23P20K_C2K_15_FC compliant MIOLAC-M1_23SL Powerline control (dedicated control board needed), SEGS23P20K_C2K_17 compliant

TECHNICAL DRAWINGS



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