

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

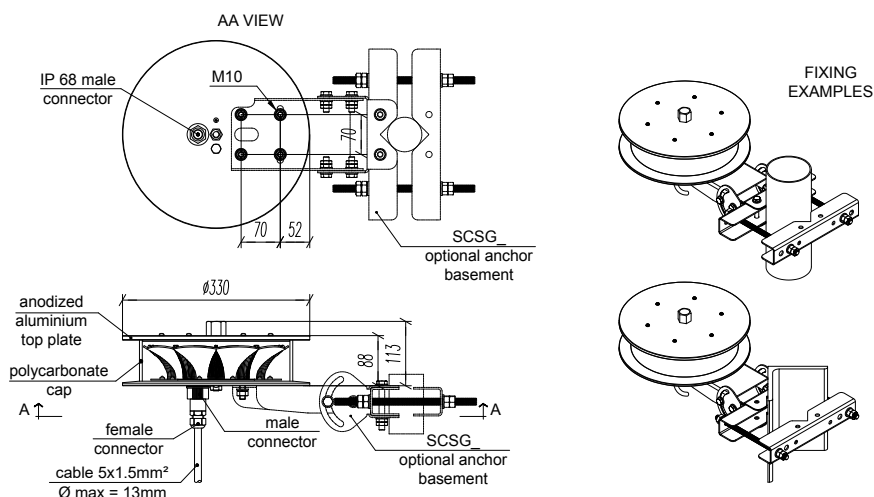
KEY FEATURES

- 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

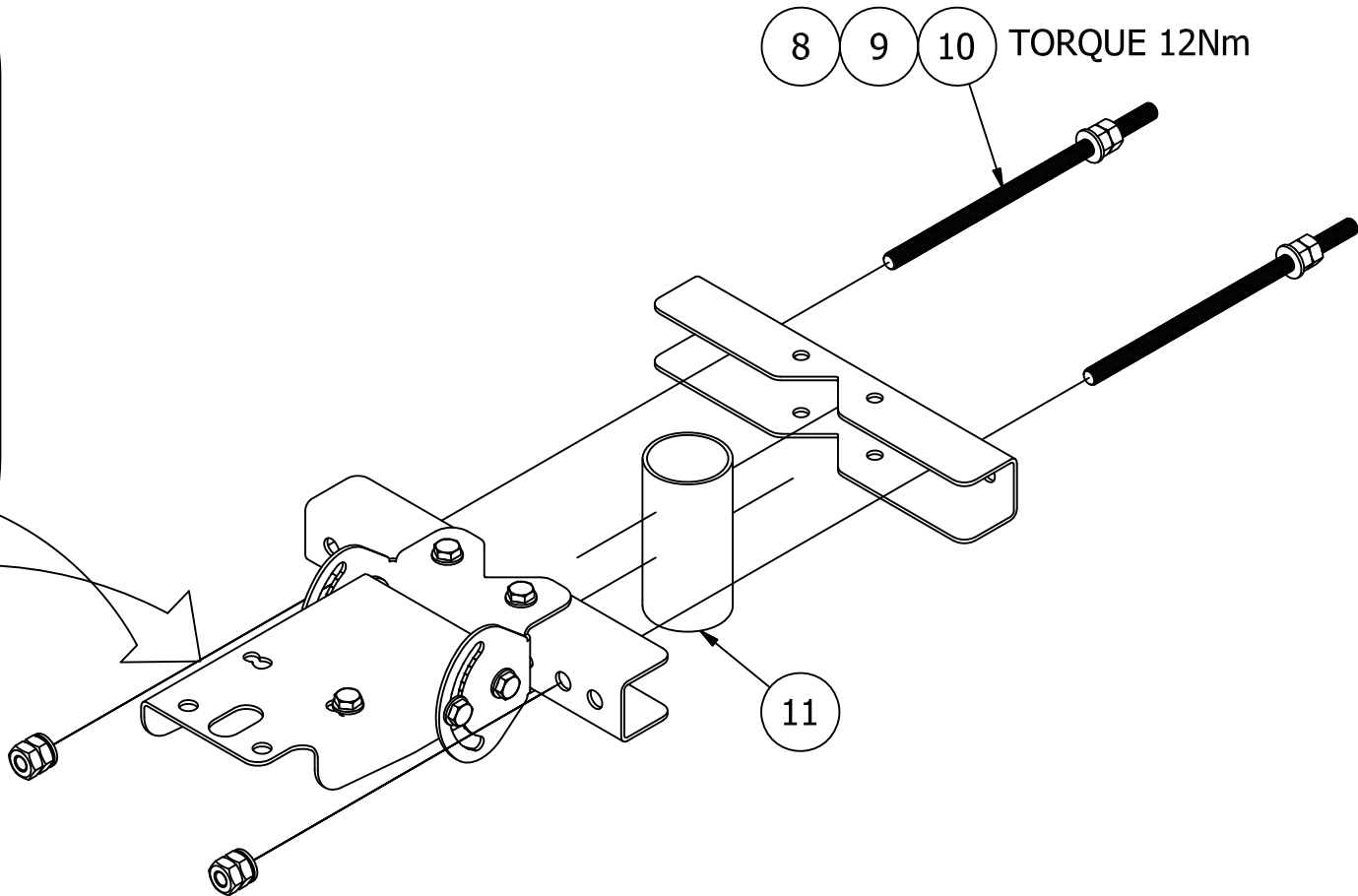
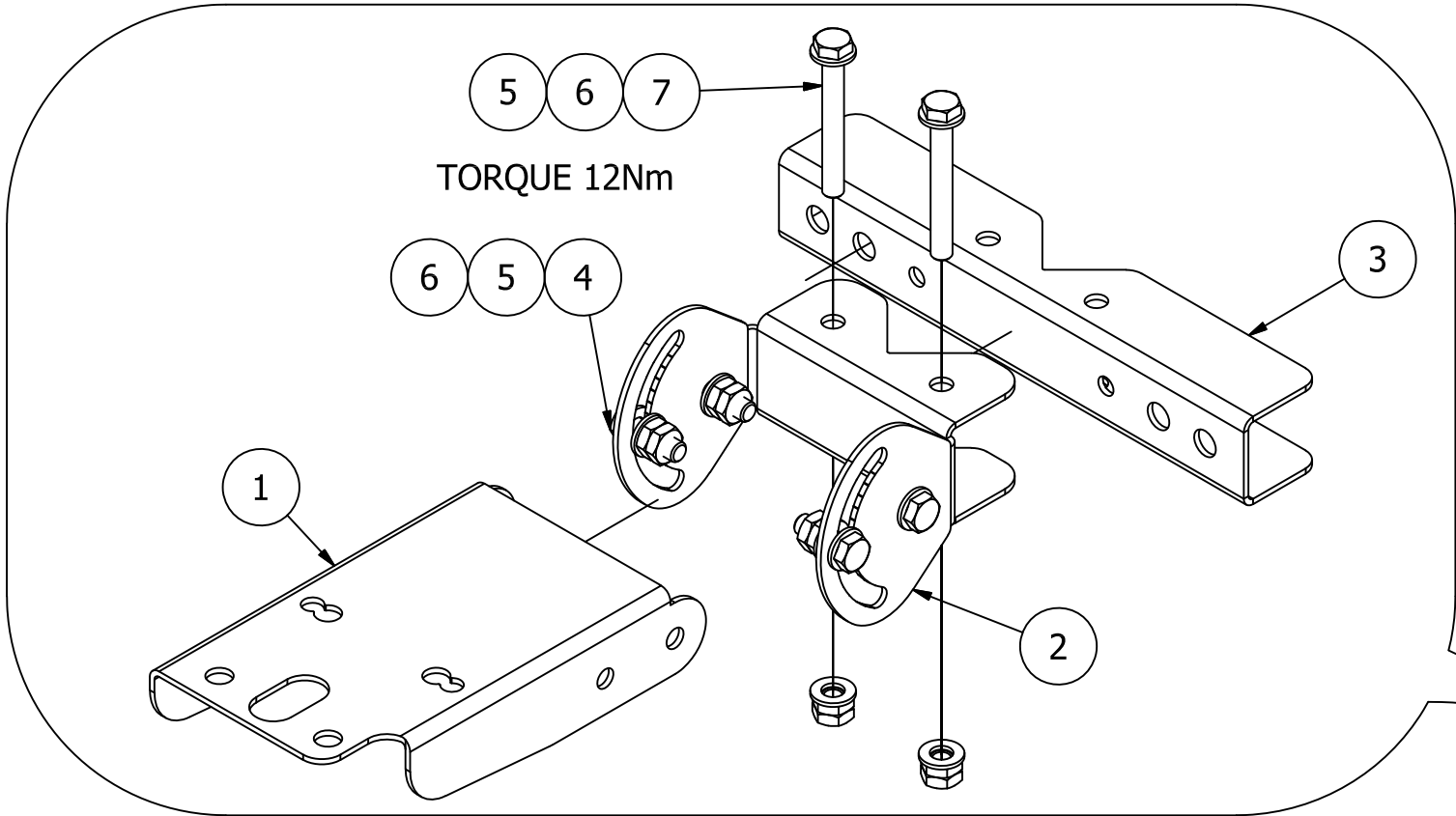


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SCSG_MNTG_DS.DWG
Formato - Size A3



MODEL	MATERIAL
SCSG_SS316	STAINLESS STEEL AISI 316
SCSG_HDGS	HOT DIP GALVANIZED STEEL

FIXING HARDWARE (11)	
FOR "L" SECTION	FOR POLE
50X50 <--> 160X160	Ø48.3 <--> Ø219.1

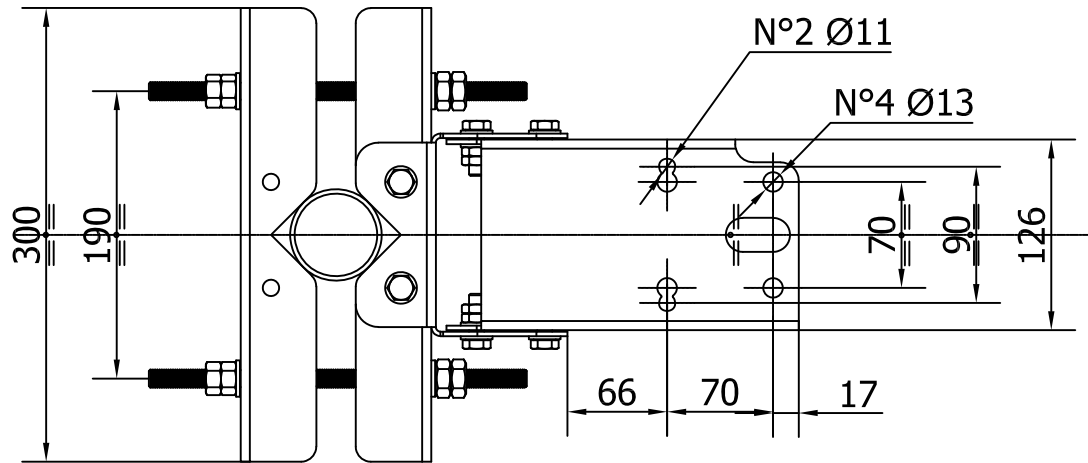
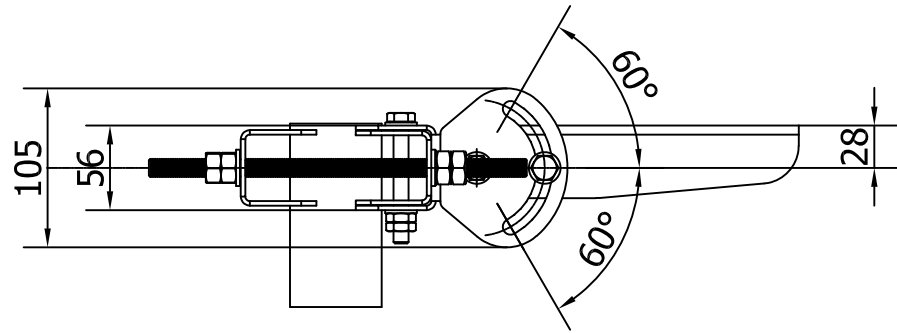
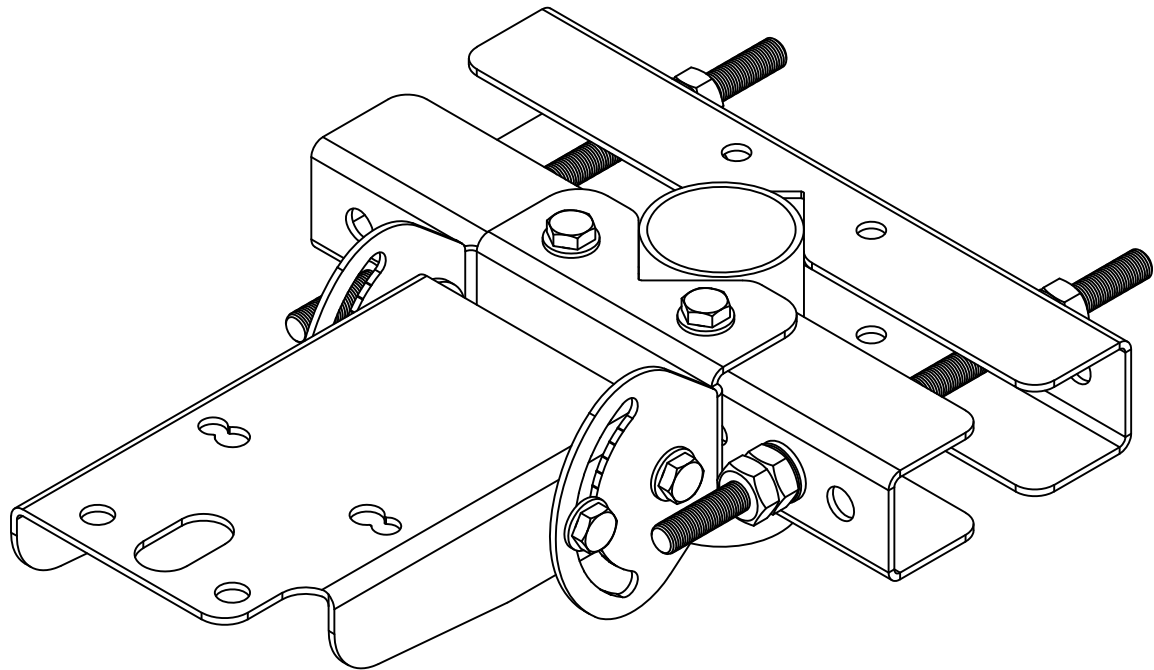
PARTS LIST		
N°	Q.ty	DESCRIPTION
1	1	LAMP SUPPORT SHEET
2	1	REGULATION SHEET
3	2	FIXING SHEET
4	4	HEXAGON HEAD SCREW M10X30 UNI 5739 A4 -70
5	12	PLAIN WASHER M10 UNI 6592 A4
6	12	HEXAGON NUT M10 UNI 5588 A4-70
7	2	HEXAGON HEAD SCREW M10X80 UNI 5739 A4 -70
8	8	HEXAGON NUT M12 UNI 5588 A4-70
9	4	PLAIN WASHER M12 UNI 6592 A4
10	2	THREADED ROD M12X400 DIN 975 A4
11	1	FIXING HARDWARE

 Clampco Sistemi where solution, reliability and business meet	19/10/2016	-	GS	AC	LP
	data - date	descrizione - description	drawn	checked	approved
	Committente - customer		foglio-sheet 1 - 2		
	Località - Site:	Site Code: /	scala - scale	-	
	Progetto - Project:		comm-project id.		
Calzavara S.p.A. Via Corecian, 60 - 33031 Basiliano (Italy) ph. +39 0432 84381 www.clampco-sistemi.com fax. +39 0432 84899 clampco@clampco.it	SCSG_HDGS / SCSG_SS316 MOUNTING HARDWARE FOR OBSTRUCTION LIGHTS		rev	0	
			disegno N.ro - drawing NO. SCSG_MNTG_DS		

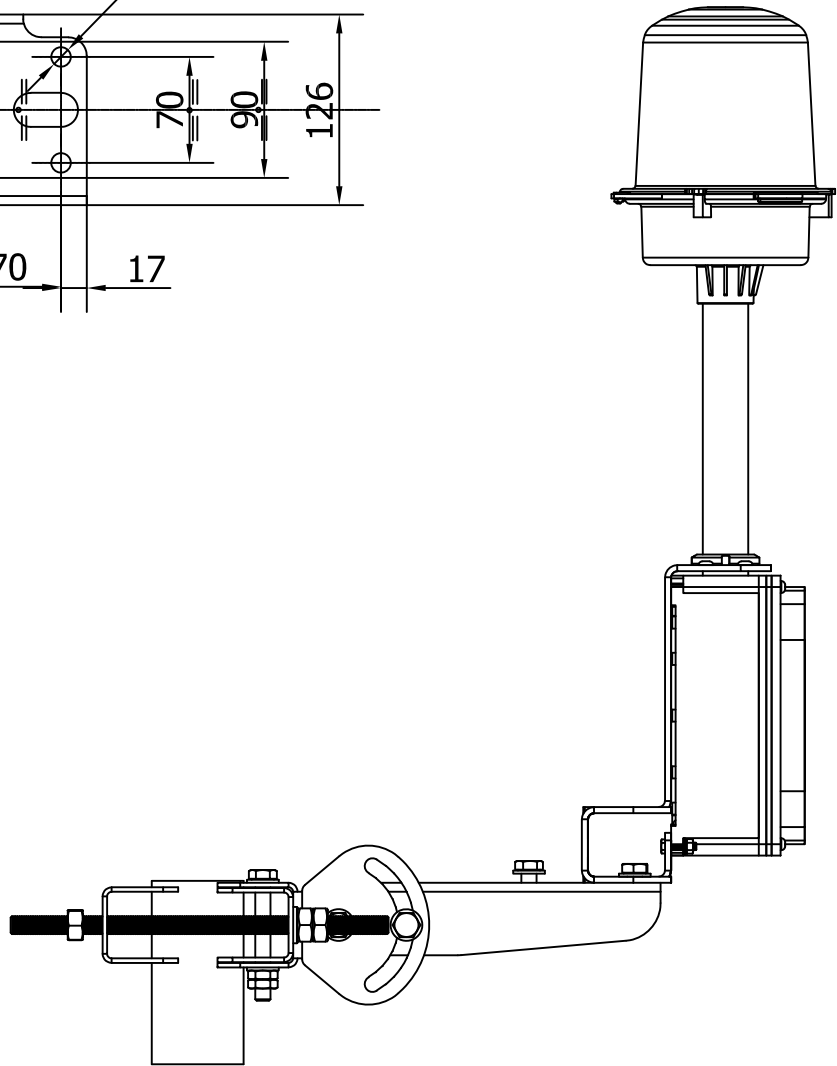
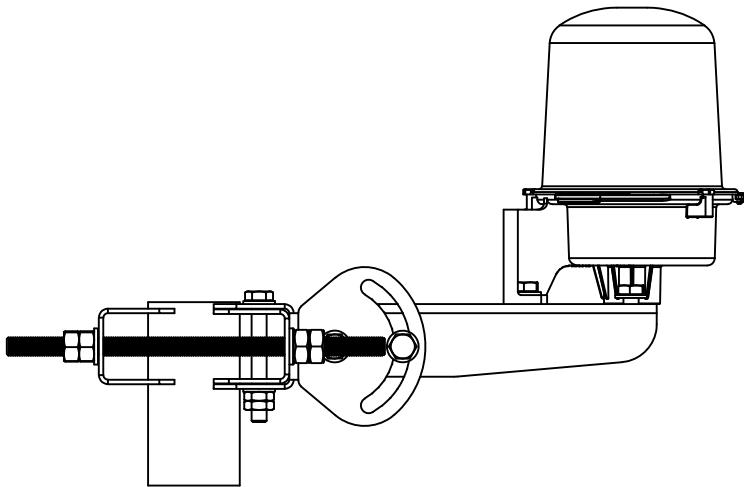
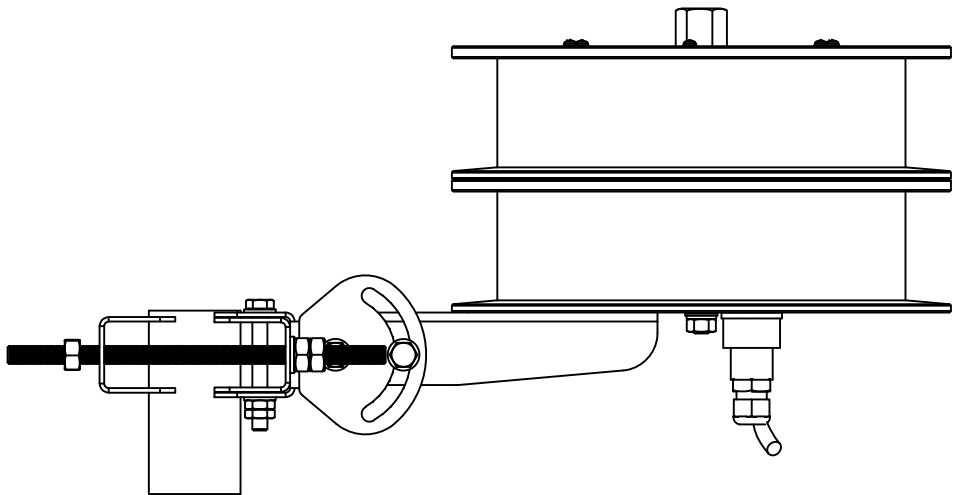
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Formato - Size A3



INSTALLATION EXAMPLES



MODEL	MATERIAL
SCSG_SS316	STAINLESS STEEL AISI 316
SCSG_HDGS	HOT DIP GALVANIZED STEEL

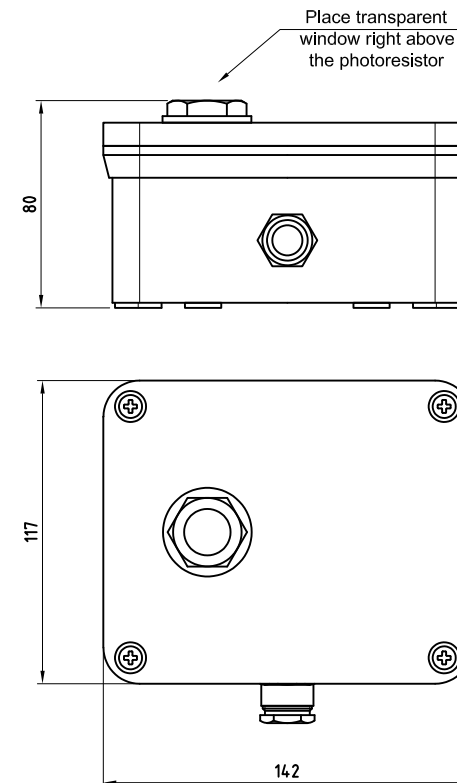
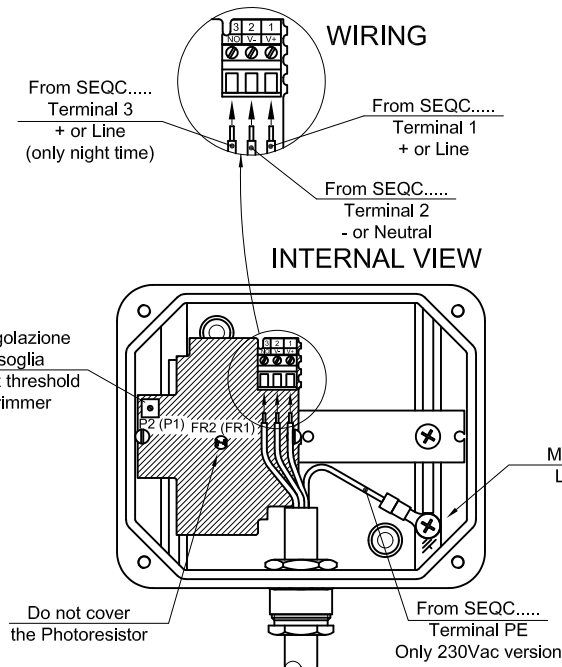
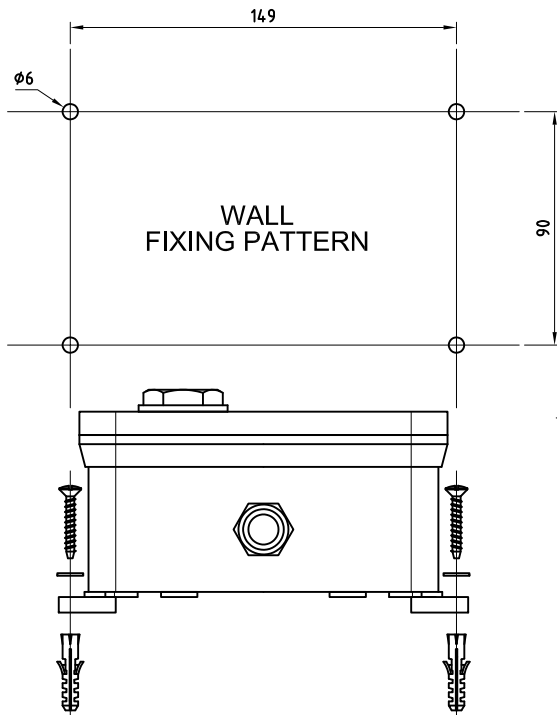


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19/10/2016	-	GS	AC	LP
data - date	descrizione - description	drawn	checked	approved
Committente - customer		foglio-sheet 2 - 2		
Località - Site:		scala - scale	-	
Progetto - Project:		comm-project id.		
SCSG_HDGS / SCSG_SS316 MOUNTING HARDWARE FOR OBSTRUCTION LIGHTS		rev	0	
		disegno N.ro - drawing NO. SCSG_MNTG_DS		



MODELLO ITEM	Tensione nominale Power supply	Ritardo all'accensione ON delay time	Ritardo allo spegnimento OFF delay time	Soglia di intervento (regolabile) Trigger threshold (adj.)	Campo di temperatura Temperature range:	Protezione Enclosure protection	Materiale Material
SEI1012DC_M	12 Vdc/ac (11 - 15 V)	9" ± 10%	38" ± 10%	22 ± 3000 lux	-25 + + 55 °C	IP65	Die-cast aluminium alloy
SEI1024DC_M	24 Vdc/ac (±10%)	9" ± 10%	38" ± 10%	22 ± 3000 lux	-25 + + 55 °C	IP65	Die-cast aluminium alloy
SEI1048DC_M	48 Vdc/ac (±15%)	9" ± 10%	38" ± 10%	22 ± 3000 lux	-25 + + 55 °C	IP65	Die-cast aluminium alloy
SEI1120AC_M	115 Vac/dc (±10%)	9" ± 10%	38" ± 10%	22 ± 3000 lux	-25 + + 55 °C	IP65	Die-cast aluminium alloy
SEI1230AC_M	230 Vac (±10%)	9" ± 10%	38" ± 10%	22 ± 3000 lux	-25 + + 55 °C	IP65	Die-cast aluminium alloy

Pericolo / Warning

Togliere alimentazione al dispositivo prima di rimuovere le protezioni
Disconnect mains before removing cover
Collegare a massa il contenitore metallico
Connect the metallic enclosure to protection earth

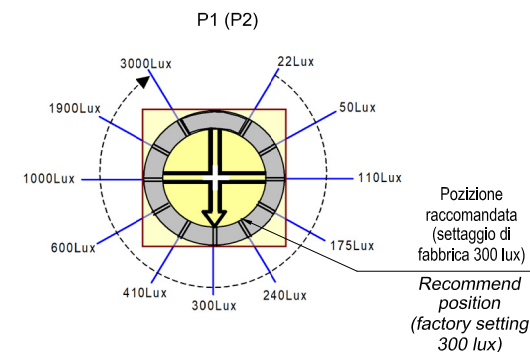
Fissare il dispositivo usando le viti incluse. / **Fix the device using the enclosed hardware.**
Applicare resina sigillante sulle forature praticate. / **Apply sealing resin.**
Per uso esterno./Outdoor use.
Installare il dispositivo evitando illuminazione diretta da sorgenti luminose artificiali.
Puntare in direzione nord o sud ove vi sia una ampia porzione visibile dell'orizzonte.
Install the device avoiding direct illumination from artificial light sources active on night time
Point in north or south direction, with a large free view of sky.

Questo dispositivo è conforme agli standards applicabili delle direttive Comunitarie 2014/30/UE (Compatibilità Elettromagnetica) e 2014/35/UE (Bassa tensione)
This device conforms to the applicable standards of the European Community Directives 2014/30/EU (Electromagnetic Compatibility) and 2014/35/EU (Low Voltage)



Questo dispositivo può essere installato su superfici normalmente infiammabili
This device can be installed on surfaces normally inflammable.

SOGLIA LUMINOSA: REGOLAZIONE DEL POTENZIOMETRO
LIGHT THRESHOLD SETTING



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05/10/16		-	PIC	LP	LP
data - date		descrizione - description	drawn	checked	approved
Committente - customer			foglio-sheet 1-1		
Località - Site:		Site Code: /	scala - scale	1:2	
Progetto - Project:			comm-project id		
SEI1.....M SINGLE PHOTOELECTRIC SWITCH WIRING-FIXING			rev	5	
			disegno N.ro - drawing NO. SEI1xxxxM		