

Built tough for conveyors,  
gantries & roadways

EMERGENCY  
OPTION

**MAKO LED area light**  
30W - 4000lm ▪ 40W - 5500lm

- Heavy-duty industrial quality all-purpose area lighting
- T2M batwing lenses deal for conveyors, gantries and roadway lighting
- Designed for top performance and exceptional reliability in all conditions.





# MAKO area light

## 30W or 40W LED all-purpose industrial area/street light

Sleek design, built for tough conditions

Best available components for top performance and reliability

**NEW - Maintained Emergency option**



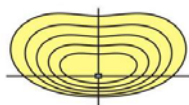
### Performance

30W - 4000 lm. 40W - 5500 lm. 140+ lumens per watt  
50,000+ hour service life.

### Construction

Vibration-resistant, solid state LED fitting.  
State-of-the-art modular construction.  
Quality components for proven performance & reliability

- 140lm/W performance LEDs & Philips Xitanium driver
- Heavy-duty cast aluminium protective housing
- Stainless steel fascia on LED module
- Polycarbonate lenses - no glass
- Corrosion-resistant polymer coating.



### Photometrics

Batwing-shape light spread from IESNA Type T2M lenses.

#### AREA LIGHTING - GENERAL - 40W

Beam area >1 lux. LLF 0.8

Mounting height	Ave lux	Max lux	Beam area
4m	9	71	32m x 13m
5m	7	46	37m x 16m
6m	6	32	41m x 18m

#### GANTRY/CONVEYOR LIGHTING - 30W

Standard 40 lux ave. LLF 0.7

Mounting height	Ave lux	Max Lux	Min lux	Spacing
2.4m	70	161	22	14m
2.7m	54	128	16	16m
3.0m	48	103	6	16m

### EMERGENCY OPTION

External battery module adds valuable emergency capability to some or all MAKO fittings on site.

Remote maintained emergency module by Clevertronics. See next page for details.



### Designed for durability and ease of installation

Sleek design prevents build up of dust or potentially damaging airborne material on the fitting.

Installation is quick and simple. Connects via spigot to terminal box with quick connectors. Control gear compartment opens with allen key and is hinged for easy access.

# MAKO

by tigerlight

### Applications

- Sleek design suits general streetlighting tasks
- Low cost area lighting around industrial plants, mining camps, outbuildings, storage yards, muster points, access gates, roads & tracks.
- Task lighting over plant and equipment, conveyors and gantries.



Remote Maintained Emergency Option

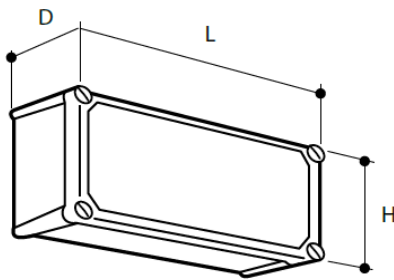


### Technical parameters

Power consumption	30W or 40W (nominal)
Input voltage & frequency	120-277VAC; 50-60Hz
Input current / Power factor	30W-530mA, 40W-700mA / >0.95
LED chips / driver	High performance, 140lm/W / Xitanium
Luminous flux / efficiency	30W-4000lm. 40W-5500lm. 140+lm/W
Colour temperature / CRI	5000K / RA >70
Light distribution	IES Type II Medium. T2M2 - Batwing
IP Rating	IP67 (mains cable H07RN-F 3*1.5mm)
Working temp / EPA	-40 to 50 °C / 0.076m2
Service life / warranty	>50,000 hours / 3 years
Composition - lenses	Polycarbonate
- Housing/heatsink	Cast Aluminium
- Protective coating	Polyester (100µm min)
- Front facing on module	304 grade stainless steel
Spigot entry / spigot OD	37mm entry / spigot OD 32-35mm
Exterior colour	Grey - RAL 7004, or black
Weight / Dimensions LxWxD	5.88kg / 495 x 200 x 75mm
Product code - 30W/40W std	SA040MAKO SA040MAKOB (black)
- Emergency option	SA040MAKOEM



# CLEVERTRONICS REMOTE MAINTAINED EMERGENCY CONTROL GEAR FOR MAKO AREA LIGHT



**Remote emergency box dimensions**  
D = 130mm, W=380mm, H= 190mm



Technical data supplied by Clevertronics.

CCPLED-48V95C-IPREM-SA040MAKO

## PRODUCT INFORMATION

Catalogue Number	CCPLED-48V95C-IPREM-SA040MAKO
Description	L10 Weatherproof MAKO LED Area Light with Remote Maintained Emergency Control Gear
Construction	LED Lamp - Cast aluminium Remote box - Polycarbonate
Dimensions L x W x H	380 x 190 x 130 (Remote Box) 495 x 200 x 77 (Lamp Head)
Mounting	Lamp Head – Spigot Entry (37mm) Remote Box – Surface mount
Operating Mode	Maintained (Led driver is relocated to the Remote Maintained Emergency Control Gear)
Testing System	Manual Test Switch
Charging Method	Intelligent Current Limited Constant Voltage
Operating Voltage	240V AC, 50Hz
Power Connection	Hard wired to the remote enclosure SA, USA, N, E
LED Lamp Connection	2 wire cable connection between the remote control gear assembly – cable not supplied. Cable length and gauge must be confirmed with Clevertronics prior to installation. The recommended maximum cable length is 2m however longer lengths are possible under controlled circumstances.
Power Consumption	168W Power on. 1.4W Standby
Power Output	$I_{OUT}$ 95mA (fixed), $U_{OUT MAX}$ 48V (self-adjusting to the LED array forward voltage between 24V to 48V), $U_{OUT MAX}$ (NO LOAD) 60V, $P_{OUT}$ 4.6W (SELV Output)
IP Rating	IP67 - Weatherproof Enclosure and Lamp Head
Operating Temperature	0°C to 4 0°C

## REPLACEMENT PARTS

PART NUMBER	DESCRIPTION
1550290	BATT: LP 6.4V 3.2Ah.200mm lead.Stick.Brkt
CCPLED-48V95C-CKIT	PCA: LP Premium LED Power Pack, 48V 95mA, 6.4V 3.2Ah, LP, SELV Output