

MAKO

by tigerlight



High-performance industrial area lighting built to take it.

For maximum light spread at low mounting heights from 2.4 to 6m.
Conveyors ▪ gantries ▪ walkways ▪ perimeters ▪ roadways

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



tigerlight®

High-performance industrial lighting

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Don't be misled by its sleek good looks.
The Mako is probably the toughest industrial area light in use around Australia today.
With an unrivalled track record for reliability.



Sleek design with rounded surfaces
- designed to prevent build-up of soil
or caustic materials.

Polyester coated (min 100 microns),
cast aluminium housing.

37mm spigot entry, secured
by two stainless steel bolts.



LED module with stainless steel
protective fascia over polycarbonate
lenses. No glass in the fitting.

High-efficiency LED chips
producing 140 lumens/Watt.

T2M lenses for wide batwing
light distribution
(T4M also available)



Super-reliable Philips Xitanium
driver. Switchable from 30W to
40W to suit user lux requirements.

10kVA surge protection

IP67-rated to handle wet
and dusty environments.



Operating temperatures of -40 to +50°C
for extreme conditions.

HEAVY-DUTY INDUSTRIAL-QUALITY AREA LIGHTING BUILT TO TAKE ANYTHING.

FOR MAXIMUM LIGHT SPREAD FROM LOW MOUNTING HEIGHTS FROM 2.4 M.

CONVEYORS ■ GANTRIES ■ WALKWAYS ■ PERIMETERS ■ ROADWAYS

options

40W MAKO

General area lighting
5500 lumens @ 140+ lm/W
Wide beam spread from T2M lenses.
Sleek modern appearance for mounting
on poles with 32-35mm spigots.

AREA LIGHTING - GENERAL - 40W MAKO

Mounting height	Ave lux	Max lux	Beam area
4m	14	86	32m x 13m
5m	11	56	37m x 16m
6m	8	38	41m x 18m

30W MAKO

For gantries & conveyors
4000 lumens @ 140+ lm/W
Designed to meet strict standards
for lux levels and uniformity.

GANTRY/CONVEYOR LIGHTING - 30W MAKO

Mounting height	Ave lux	Max Lux	Min lux	Spacing
2.4m	55	110	21	14m
2.7m	50	120	16	16m
3.0m	49	98	19	16m

EMERGENCY MAKO

Remote maintained emergency
pack by Clevertronics.
2 hour battery back-up.
30W or 40W options.



Clevertronics remote
maintained emergency
battery pack supplied as
separate unit.
Mako LED driver relocated to
remote surface mounted box.
2hr battery back-up.

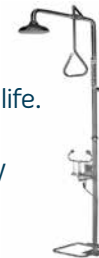


GREEN LED - EMERGENCY SHOWER

Safety shower & eyewash stations
Green LEDs. 30 or 40W.
Remote maintained
emergency module.
2 hour battery back-up.



30W & 40W fitting for
greater light output.
Long 50,000 hrs service life.
Wide beam spread for
greatly improved visibility
in emergency situations.
2hr battery back-up.



AMBER LED - TURTLE FRIENDLY
1800K colour temperature LED chips
30W or 40W options

For areas above the Tropic of
Capricorn where turtle-friendly
lighting is prescribed.
Or for extremely dusty or foggy
conditions requiring improved
visibility.



HEAVY DUTY - 0.6/1kV CABLING
2.5mm 3 core 0.6/1kV V90 cable

4m heavy duty flex
per fitting
Cable pre-fitted for
ease of installation.



MORE HOUSING SHAPE OPTIONS

10,000 different combinations of wattage,
housing shapes, CCT, brackets and lenses.

Floodlights, streetlights, wall-packs, ceiling mount & recessed
fittings are all available - from 30W to 900W.



MEGA
MODULAR LIGHTING SYSTEM

MAKO area light

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



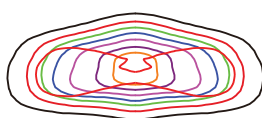
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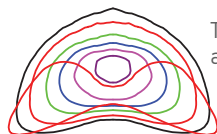
Applications

- 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
- Emergency option for emergency applications
- Emergency shower and eyewash stations

Photometrics



T2M lenses standard
Batwing light distribution.



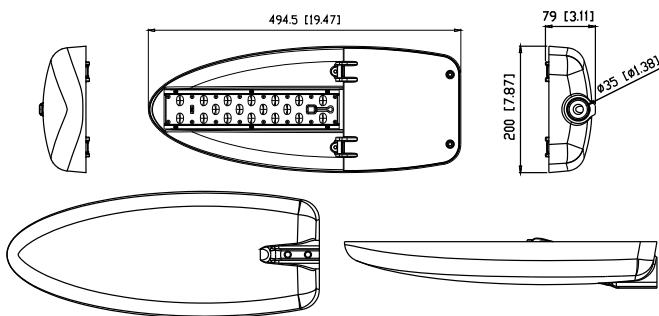
T4M lenses also available

Optional wall-bracket

Optional 304 stainless steel bracket with short spigot available for mounting onto walls (SAMAKOBT).



Dimensions



Specifications - Remote maintained emergency option

Operating mode	Maintained (Mako driver relocated to remote emergency box)
Charging method	Intelligent current limited constant voltage
Testing system	Manual test switch
Clevertronics code	CCPLED-48V95C-IPREM-SA040MAKO
Battery specs	LP 6.4V 3.2Ah
Power connection	Hard wired to the remote enclosure SA, USA, N, E
LED Lamp	2 wire connection. Cable not supplied. Rec length 2m.
Operating temp	0-40°C
Remote box	Surface mounted; 130x380x190mm; polycarbonate; IP67

30W 4000 lm	40W 5500 lm	140+ lm/W	BATWING BEAM	IP67	3 Year Warranty
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 Remote Maintained Emergency Option

Amber and Green LED Options

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, 140 lm/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
- 1kV V90 3-core cable fitted	SA040MAKO1KV
- Amber LED chips 1800K	SA040MAKOAM
- Emergency Mako	SA040MAKOEM
- Emergency Green Mako	SA040MAKOELG
- Stainless steel wall bracket	SAMAKOBT