MODULAR AREA & STREET LIGHTING 30W - 900W

Floods, Streetlights
Wall packs & High Mast area lights
Up to 126000 lm @ up to 140lm/W

10,000+ combinations of size, shape, lenses, brackets & colour

14 x 4 x 6 x 4 x 8

optical lenses  colour temperatures  housing shapes  housing colours  mounting brackets

High-performance industrial lighting

MEGA MODULAR LIGHTING SYSTEM

tigerlight.com.au
1300 184 437
THE BEST AVAILABLE COMPONENTS
- Latest high performance LED chips producing up to 140 lumens per watt
- Philips Xitanium drivers for outstanding reliability

ECONOMICAL MANUFACTURE AND ASSEMBLY
- Scalable from 30W to 900W
- Lower cost of manufacture allows excellent value for money

FLEXIBLE PLATFORM OFFERS ALMOST LIMITLESS OPTIONS
- Easily tailored modular platform
- 14 optical lens options
- 6 different housing options, in 4 different colours
- 8 different mounting brackets
- 4 different colour temperatures from amber to daylight
- 2 voltages - 277 and 415VAC

TRUE INDUSTRIAL-QUALITY BUILD SPECIFICATION
- Stainless steel fascia protecting polycarbonate lenses
- Robust IK08-rated; no glass
- IP67. Polyester coating over 100 microns in depth.

SHORTER LEAD-TIMES
- The most popular configurations are held in stock.
- Over 10,000 other options available with only 6-8 weeks lead-time.
HIGH-PERFORMANCE COMPONENTS
Assembled to suit any application

Latest high performance LED chipset
Output up to 140 lumens per Watt
5000K standard, options available

Hollow aluminium heat sink
Excellent heat management

30W or 40W modules
Scalable from 30W to 900W

Polycarbonate lenses - no glass
14 options to suit all applications

Stainless steel fascia
Protects optical lenses on modules

Strong industrial-quality build
Rated IP67 for water and dust, and IK08 for impact resistance

Bracket & spigot options
Real flexibility for installations

Proven Philips Xitanium drivers
Long track record of proven performance and reliability

Polyester powder coating
Minimum depth of 100 microns
Available in grey, black, bronze & white
14 optical lens plates can be specified to suit the application:

- **6 asymmetric lens options** for street lighting & area lighting
- **8 round lens options** for spot and flood lighting, ranging from 10 degrees up to a wide 150 degrees.
- **A free lighting design service** is available to ensure that light levels are appropriate and meet Australian Standards.

**NOTE:**

Standard lenses available for immediate despatch are as follows:
- Streetlights & Mako - T2M batwing
- Floodlights - T5M, 90 degrees round.

Most lens types are held in stock locally for small orders. Larger orders will require a special order to be placed. Allow 6-8 weeks for delivery.
TIGER LED STREETLIGHTS
30-300W
Performance & reliability

Open module design provides exceptional heat management for heavy-duty workloads
High performance LED chipset - 140 lm/W output
Philips Xitanium driver for outstanding reliability
Optional 1-10VDC dimming, DALI, sensors available
T2M batwing lens and grey housing standard
14 optical lenses and 4 housing colour options available
Corrosion resistant polyester coating and stainless steel protective fascia over modules
Meets 1000 hr salt mist spray test (ASTM B117/ISO9227:2012)

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Lumen</th>
</tr>
</thead>
<tbody>
<tr>
<td>300W</td>
<td>41780lm</td>
</tr>
<tr>
<td>270W</td>
<td>37430</td>
</tr>
<tr>
<td>240W</td>
<td>33060</td>
</tr>
<tr>
<td>210W</td>
<td>29600</td>
</tr>
<tr>
<td>180W</td>
<td>24900</td>
</tr>
<tr>
<td>150W</td>
<td>20670</td>
</tr>
<tr>
<td>120W</td>
<td>16540</td>
</tr>
<tr>
<td>90W</td>
<td>12460</td>
</tr>
<tr>
<td>60W</td>
<td>8660</td>
</tr>
<tr>
<td>30W</td>
<td>4280</td>
</tr>
</tbody>
</table>

SPECIAL ORDER - ALLOW 6-8 WEEKS
REGULARLY STOCKED SIZES. STANDARD CONFIGURATION:
- T2M BATWING LENSES, 5000K, GREY HOUSING

DESIGNED FOR QUICK AND EASY INSTALLATION
- Easy to open. One 6mm allen key fits all bolts
- Bolts cannot fall to ground
- Fittings contain built-in spirit levels
- Quality WAGO press-release connectors
- 62mm spigot bracket tilts up 15° & down 90° (right).

MORE SPIGOT-MOUNTED AREA LIGHTS

MAKO 30/40W AREA LIGHT
For general road lighting, gantries and conveyors.
37mm spigot entry.
Emergency option available.

SHOE-BOX FITTINGS
Black or grey. Choice of lenses and brackets to fit new or existing poles.

450-900W FLOODS
Replacing 1000W to 2000W HID in carparks & sports facilities.
Choice of lenses & colours.
62mm spigot entry.
TIGER LED MEGAFLOODS
40-900W
Adaptable to any application

Open module design provides exceptional heat management for extra heavy duty.
High performance LED chipset for 130 - 140 lm/W output.
Philips Xitanium driver for outstanding reliability.
Corrosion resistant polyester coating on housing, and stainless steel fascia protecting lenses.
Operating temperature -50 to +60 °C, ideal for freezers and high humidity.
Options:
• 1-10VDC dimming, DALI, sensors available
• 14 optical lenses and 4 housing colour options available on special order, to suit most applications
• Numerous bracket options for wall, pole or ceiling installations.

Standard stocked items are shown below. All with black housing and T5M lenses (90 degree round).

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Lumen Output</th>
<th>HID Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>40W</td>
<td>5,055 lm</td>
<td>100-150W HID equiv</td>
</tr>
<tr>
<td>80W</td>
<td>10,050 lm</td>
<td>250W HID equiv</td>
</tr>
<tr>
<td>120W</td>
<td>16,000 lm</td>
<td>400W HID equiv</td>
</tr>
<tr>
<td>200W</td>
<td>24,800 lm</td>
<td>700W HID equiv</td>
</tr>
<tr>
<td>320W</td>
<td>39,600 lm</td>
<td>To 1000W HID equiv</td>
</tr>
</tbody>
</table>

160W, 240W, 280W floods are also available on special order - leadtime 6-8 weeks.

TIGER LED MEGAFLOODS 450 - 900W
Replacing 1000W TO 2000W HID Floods

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Lumen Output</th>
<th>HID Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>450W</td>
<td>63500lm</td>
<td>160-250W HID equiv</td>
</tr>
<tr>
<td>600W</td>
<td>84700</td>
<td>240W HID equiv</td>
</tr>
<tr>
<td>750W</td>
<td>105000</td>
<td>320W HID equiv</td>
</tr>
<tr>
<td>900W</td>
<td>126000</td>
<td>To 1000W HID equiv</td>
</tr>
</tbody>
</table>

Choice of 14 optical lenses to achieve desired coverage.
Bracket options to suit new or existing poles or walls.
415 VAC option available.
Available on special order with appropriate lenses and bracket.

HIGH MAST LIGHTING
• 15 to 25m pole heights
• Option for remote location of drivers in base of poles
• Reduces future maintenance cost
• Reduces weight & wind resistance
• Subject to specifications of poles.
SPECIAL PURPOSE LIGHTING
Purpose-built housing, brackets and lens combinations to meet specific requirements

Tiger Sentry - a robust wall-mounted unit for security lighting around building perimeters. 30W and 60W fittings are regularly stocked, in black, with wide T3M lenses.

Surface-mount bracket for fixing directly onto ceiling or rafters. Ideal as lowbay with wider lenses where overhead clearance is limited. For cool rooms & freezers to -50°C.

Recessed fitting uses same modular format as floods but in specialised housing. Useful for recessing into canopies (eg petrol stations) & other non-food areas.

Shoe-box style fittings with elbow joints in brackets to fine-tuning beam angles in all signage and billboard advertising applications.

Purpose-designed 30/40W light for above conveyors and over gantries. Sleek design also makes the Mako an ideal fitting for entrances, caravan parks & roadways. Emergency option available.

Shoe-box style fittings for mounting to walls or on round or square poles using adaptor brackets supplied. Lens options available to suit all common installations.

CEILING - SURFACE MOUNT
Lowbay & Highbay

CEILING - RECESSED
Recessed canopy lights

SIGNAGE & BILLBOARDS
Elbow brackets for fine-tuning beam

WALL-PACK SECURITY
Tiger Sentry

SHOE-BOX WALL & CARPARK
Pole & wall mounted. Fixed & hinged.

CONVEYORS & GANTRIES
Extra wide beam. 32mm spigot.

NB Some fittings are special order items. Please allow up to 6-8 weeks for delivery.
SMART LIGHTING CONTROLS AVAILABLE

A range of optional lighting controls are available to make further gains in lighting efficiency.

1-10VDC dimming capability is standard on all fittings in the Tiger modular LED system.

DALI Control (Digital Addressable Lighting Interface) DALI compatible drivers are standard on all Tiger modular LED fittings.

Sensor options
- Photo sensor control for night-time operation or for daylight harvesting.
- Motion sensor in low traffic areas.

OPTIONAL ADAPTOR BRACKETS

A variety of square and round spigot attachments are available as base plates or adaptors.

Sizes, colours & dimensions can be customised according to specific requirements.

These are special order items - please allow 6-8 weeks for delivery.

IMPORTANT NOTE RE SPECIAL ORDERS & DELIVERY TIMES FOR NON-STANDARD ITEMS

- All modular system components and options are available as special orders.
- Allow 6-8 weeks for delivery by sea. Airfreight option available at extra cost.
- Specifications and fittings held in stock may vary from time to time.
- Consult your Tigerlight representative for current stocks and lead times.

Fully tested and certified

IES files & photometric profiles available.
TUV reports available for following standards:

- IEC / EN 60598-1:2008
- IEC62471:2008
- IEC/EN 62493:2010
- IEC62471-2:2009
- EN 55015:2013
- EN61000-3-2/A2:2009
- EN61000-3-3:2013
- (EU) 1194/2012:2012-12-12
- (EC) 244/2009:2009-03-18


Illuminated and Disc OPL Listed
(SA File No.: L447000)

Ik08 rating, 3G vibration, 1000 hours salt mist test reports furnished upon request.

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Standard specifications
- AC 120-277V / 50-60Hz.
- 530mA (30W modules) 700mA (40W modules)
- ≥ 0.95
- High performance 130-140lm/W. 18/module
- Philips Xitanium
- ~130-140 lm/W
- Ra >70
- 5,000K standard - options available
- IESNA Type 2 standard. Types 1-5 options
- 90° Round standard. 10° to 150° options
- ≤ 50 ~ +60°C
- IP67
- IK08
- ≥ 50,000 hours
- Polycarbonate
- Aluminium
- Polyester (100µm min)
- Stainless steel
- 5 years

Composition - lenses
- Housing/heat sink
- Protective coating on housing
- Protective fascia on modules

I08 rating, 3G vibration, 1000 hours salt mist test reports furnished upon request.

Sensor options
- Photo sensor control for night-time operation or for daylight harvesting.
- Motion sensor in low traffic areas.