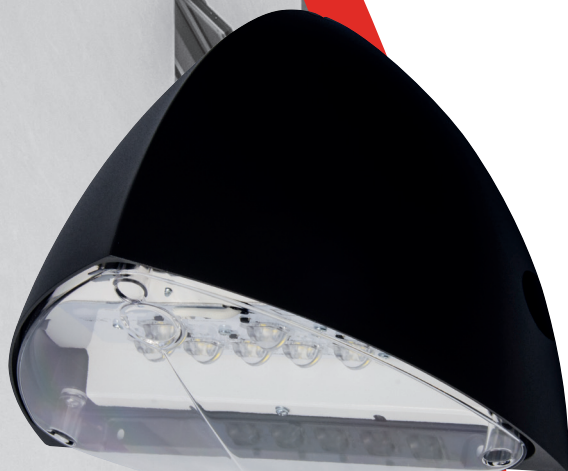




TRTLIGHTING
ROAD & TUNNEL SYSTEMS

FACET



AREA



IP66 Ingress Protection



I Electrical Class



IK10++ Impact Resistance



-20°C Minimum Ambient



3.9kg Weight



30°C Maximum Ambient

SPECIFICATION

- Strong die cast aluminium body and cover frame.
- Dark Grey, full polyester powder finish as standard
- Miniature photocell option
- Colour Rendering Index >70
- Power Factor >0.95 at full load
- LED Protect - Innovative LED string protection. PLED protectors provide an electronic alternative path for the current to flow in the case of LED or solder joint failure ensuring all remaining LEDs stay illuminated at the correct power (area only)
- LEDbar (Patent Granted) - substitutes the conventional light source with an 8W LED lamp package. The aluminium bar dissipates the heat generated by the LEDs for optimum performance
- Replaceable internal control gear
- High efficiency clear and prismatic polycarbonate cover
- Integral 3 hour emergency option
- LED Colour Temperature 4000K
- Projected L70 after 100,000 hours
- Optional anti-tamper fixings
- Lux Guard (Patent Granted) - Innovative LED current sharing PCB design that maintains light output in the event of LED failure(s)(wide only)
- Lumi-LinQ option
- UMSUG codes available for full product range

RANGE OVERVIEW

Type	System Power	Lumen Output	CCT	CRI
Wide Distribution	10W	1320lm	4000K	80
Area Distribution	46W	5635lm	4000K	70



WIDE



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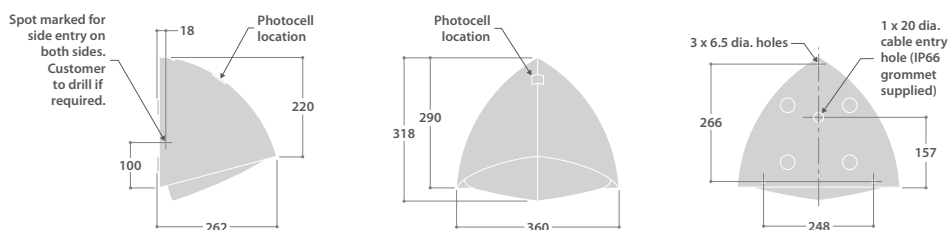
ELECTRICAL CHARACTERISTICS

	Wide Distribution	Area Distribution
System Power	10W	46W
LED CCT	4000k	
LED CRI	80	70
Lumen Output	1320lm	5635lm
Lumen Maintenance	Projected L70 after 100,000 hours	
Power Factor (Full Load/Half Load)	0.95/0.90	
Operational Voltage	220-240VACrms	
Operating Frequency	50/60Hz	
Inrush Current (Apk/50%-uS)	17A/199uS	19A/250uS
Running Current	250mA	1050mA
Surge Protection (COM/DIF)	2kV/1kV	
Lighting Controls Options	Miniature Photocell and Lumi-LinQ	
Dimming Protocols	DALI	

MECHANICAL CHARACTERISTICS

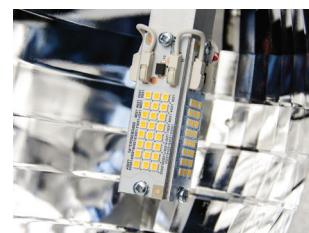
Housing Material	High pressure die cast aluminium
Cover Material:	Clear and Prismatic Polycarbonate
Housing Finish	Chromate free pre treatment Polyester powder coat Dark Grey (RAL7022)
Ingress Protection Rating	IP66
Weight	3.9kg
Impact Resistance Rating	IK10++
Mounting Methods	Wall (rear and side conduit entries)

DIMENSIONS



LED BAR

The patented LEDbar substitutes the conventional light source with an 8W LED lamp package. The aluminium bar dissipates the heat generated by the LEDs for optimum performance.



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