

Specification

- LED colour temperature PC-Amber, 2700K, 3000K or 4000K
- Colour rendering index >70 (>55 for PC-Amber)
- Projected L85 after 100,000 hours
- Power factor 0.95 at full load
- High pressure die cast LM6 aluminium and high quality extruded 6063T6 aluminium housing
- UV stabilised polycarbonate lens
- In-built PowerSet switch for high, medium and low output
- In-built OptiSet switch for asymmetric and symmetric distribution selection
- CLO available
- Optional surge protection 10kV/10kA
- Optional miniature photocell available
- Part Night Dimming (PND)
- DALI compatible for use with CMS
- UMSUG codes available for full product range
- Optional feeder pillar version available
- EN40 compliant door location, size and cable entry slots
- Light grey, dark grey or black finish
- Anti-tamper door fixing as standard
- Root, socket or flange mount
- In-built ventilation (breather) plug for pressure equalisation
- Optional non-fused or fused isolators available



IP66 Ingress Protection



IK10 Impact Resistance



10.5kg Weight



Electrical Class I



-20 to +45°C Ambient



Range Overview

Type	Via Asymmetric	Via Symmetric	Via PowerSet & OptiSet Asymmetric	Via PowerSet & OptiSet Symmetric
System Power	5-19W	7-19W	5-14W	5-14W
LED CCT	PC-Amber*, 2700K, 3000K or 4000K	PC-Amber*, 2700K, 3000K or 4000K	PC-Amber*, 2700K, 3000K or 4000K	PC-Amber*, 2700K, 3000K or 4000K
Lumen Output	Up to 950lm	Up to 1,100lm	Up to 750lm	Up to 868lm
LED CRI	>70 (*>55)	>70 (*>55)	>70 (*>55)	>70 (*>55)

*Lumen outputs relative to 3000K and 4000K only. PC-Amber and 2700K lumen outputs available upon request.

Electrical Characteristics

Type	Via (Asymmetric)	Via (Symmetric)
System Power	5-19W	
LED CCT	PC-Amber*, 2700K, 3000K or 4000K	
LED CRI	>70 (*>55)	
Lumen Output	Up to 950lm	Up to 1,100lm
Lumen Maintenance	Projected L85 after 100,000 hours	
Driver Current	160-695mA	220-700mA
Driver Output	Constant current output with AM dimming	
Power Factor (Full Load/Half Load)	0.95/0.90	
Operational Voltage	220-240VAC rms	
Operating Frequency	50/60Hz	
Inrush Current (Apk/50%-µS)	25A/150µS	
Running Current	0.06A max	
Surge Protection (COM/DIF)	10kV/6kV	
Additional Surge Protection (on request)	10kV/10kA	
Lighting Controls Options	Miniature infra-red photocell, PND and CMS compatible	
Dimming Protocols	DALI	

Mechanical Characteristics

Housing Material	High pressure die cast LM6 aluminium and high quality extruded 6063T6 aluminium
Housing Finish	Chromate free pre-treatment, polyester powder coat, light grey (RAL9006), dark grey (RAL7022), black (RAL9005)
Lens Material	UV stabilised polycarbonate
Ingress Protection Rating	IP66
Weight	10.5kg
Impact Resistance Rating	IK10
Mounting Methods	Root, socket or flange

Shield Options

Universal Front/Rear	04GSK71899
Side	04GSK71725

For more information

 +44 (0) 1527 521 162

www.trtlighting.co.uk



International Dark-Sky Association approved VIA Bollard. Compliant when using a colour temperature of 1750K (PC Amber) only.



TRTLIGHTING
ROAD & TUNNEL SYSTEMS