



TRTLIGHTING
ROAD & TUNNEL SYSTEMS

VIA

PowerSet & OptiSet



IP66 Ingress Protection



IK10 Body



10.5kg Weight



I Electrical Class



-20°C Minimum Ambient



40°C Maximum Ambient

SPECIFICATION

- LED Colour Temperature 2700K, 3000K or 4000K
- Colour Rendering Index >70
- Projected L85 after 100,000 hours
- Power Factor 0.95 at full load
- High Quality High Pressure Die Cast LM6 Aluminium Castings
- High Quality Extruded 6063T6 Aluminium Housing
- In-built PowerSet Switch for High, Medium & Low Output
- UMSUG codes available for full product range
- Anti-Tamper door fixing
- EN40 Compliant door location, size and cable entry slots
- Optional feeder pillar version available
- CLO Available
- Light Grey, Dark Grey or Black Finish
- Optional Surge Protection 10kV/10kA
- Optional miniature Infra-Red Photocell to prevent artificial light nuisance switching
- UV Stabilised Polycarbonate lens
- In-built OptiSet Switch for ASY & SYM distribution selection
- Part Night Dimming (PND)
- Root, Socket or Flange mount
- In-built Ventilation (breather) Plug for pressure equalisation
- Integral 3 Hour Emergency Option

RANGE OVERVIEW

Type	System Power	Lumen Output*	CCT	CRI
Via (Asymmetric)	5 - 19W	250 - 950lm	2700K, 3000K & 4000K	>70
Via (Symmetric)	7 - 19W	400 - 1100lm	2700K, 3000K & 4000K	>70
Via PowerSet & OptiSet (Asymmetric)	5 - 10 - 14W	250 - 500 - 750lm	2700K, 3000K & 4000K	>70
Via PowerSet & OptiSet (Symmetric)	5 - 10 - 14W	294 - 586 - 868lm	2700K, 3000K & 4000K	>70

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



All information detailed within this datasheet is accurate at the date of issue.
The information provided is subject to change at our discretion.
If any questions arise or extra information is required, please contact TRT Lighting directly.

VIA Luminaire Datasheet issue September 2019





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ELECTRICAL CHARACTERISTICS

System Power	5 - 19W
LED CCT	2700K, 3000K & 4000K
LED CRI	>70
Lumen Output	Upto 950lm (ASY) & 1100lm (SYM)
Lumen Maintenance	Projected L85 after 100,000 hours
Drive Current	160 - 700mA
Driver Output	Constant Current Output with AM Dimming
Power Factor (Full Load/Half Load)	0.95/0.90
Operational Voltage	220-240VACrms
Operating Frequency	50/60Hz
Inrush Current (Apk/50%-uS)	25A/150uS
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 & High Quality Extruded 6063T6 Aluminium
Lens Material	UV Stabilised Polycarbonate
Housing Finish	Chromate free pre-treatment, Polyester powder coat, Light Grey (RAL9006), Black (RAL9017), Dark Grey (RAL7022)
Ingress Protection Rating	IP66
Weight	10.5kg
Impact Resistance Rating	IK10
Mounting Methods	Socket, Flange or Root

The PowerSet switch allows on site power adjustment between Multiple lumen outputs, whereas the OptiSet switch allows for on-site optical distribution adjustment between a symmetric distribution for area lighting applications and an asymmetric distribution for road and path lighting applications.

The combination of PowerSet and OptiSet enables maximum flexibility of the product with easy, user-friendly in-situ adjustment with the benefit of reduced stock variants.



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