


## Specification


- LED Colour Temperature 3000K or 4000K
- Colour Rendering Index > 70
- Projected L90 after 100,000 hours
- Power Factor 0.95 at full load
- High Pressure Die Cast LM6 Aluminium Components
- Exposed Lens or Toughened Flat Glass
- Part Night Dimming (PND) with manual dimming override option
- DALI compatible for use with CMS
- Stainless Steel Fixing Screws with Stainless Steel Inserts in Pivot
- Easily replaceable light engine with tool-free access
- MountSet (Patent Pending) - Universal mounting system to interface with various column/bracket diameters or length
- PowerSet - On-site adjustable, integral power output selection device
- In-built Ventilation (breather) Plug for pressure equalisation in the LED module and gear housing
- CLO Available
- Light Grey, Dark Grey or Black Finish
- Optional Surge Protection 10kV/10kA
- Controls - NEMA 3 or 7 PIN NEMA Socket, Miniature Photocell and Zhaga Book 18 (SR) Socket (Top and Bottom)
- Luminaire levelling indicator

 **IP66 Ingress Protection**

 **IK08 Impact Resistance**

 **5.5 kg Weight**

 **Electrical Class I**

 **0.05m<sup>2</sup> Wind Area**


 **-20 to +35°C Ambient**

## Range Overview

System Power	10-42W
Road Optics	✓
Area Optics	✓
CCT	3000K & 4000K
Lumen Output	Up to 5553lm
CRI	>70



**For more information**

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**[www.trtlighting.co.uk](http://www.trtlighting.co.uk)**

## Electrical Characteristics

System Power	10 - 42W
LED CCT	3000K or 4000K
LED CRI	>70
Lumen Output	Up to 5553lm
Lumen Maintenance	Projected L90 after 100,000 hours
Drive Current	150-835mA
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)	53A/200uS
Running Current	0.208A max
Surge Protection (COM/DIF)	8kV/6kV
Additional Surge Protection (on request)	10kV/10kA
Lighting Controls Options	NEMA 3 or 7 PIN NEMA Socket, Miniature Photocell and Zhaga Book 18 (SR) Socket (Top and Bottom)
Dimming Protocols	DALI

## Mechanical Characteristics

Housing Material	High pressure die cast LM6 aluminium
Housing Finish	Chromate free pre-treatment, Polyester powder coat, Light Grey (RAL9006), Black (RAL9005), Dark Grey (RAL7022)
Cover Material	Toughened Flat Safety Glass
Lens Material	PMMA
Ingress Protection Rating	IP66
Weight	5.5kg
Wind Area	0.05m <sup>2</sup>
Impact Resistance Rating	IK08
Mounting Methods	Post Top 60mm or 76mm/ Side Entry 34mm, 42mm, 60mm or 76mm
Mounting Inclination	-10°, -5°, 0°, 5°, 10°
Photometric Centre	312mm (to center of PCB)

## Shields Options

Universal Front/Rear	83BAF72019
Universal Side	83BAF72020



International Dark-Sky Association approved Optio Micro 4 LED. Compliant when using a colour temperature of 3000K or below and at zero degree tilt.