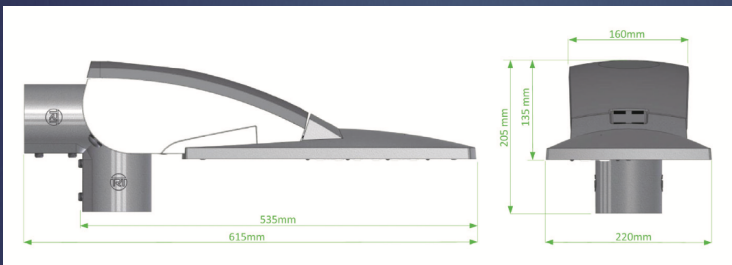




Aspect ECO

Mark Bailey Associates is pleased to offer the Aspect ECO by TRT. Specifically tailored to S/P Class residential road applications, the Aspect Eco delivers high uniformity lighting in a selection of colour temperatures and wattages,

Shape and Form



Key Features and Benefits

- IP66** Ingress Protection
- IK10/IK08** Impact Resistance
- 5kg** Weight
- 0.04m²** Wind Area
- I** Electrical Class
- 20°C** Minimum Ambient
- 55°C** Maximum Ambient
- LED** Light Source

Range Overview

Type	system Power	/P Road Optics	/I/Me Road Optics	Area Optics	CCT	lumen Output	CRI	system Efficiency
Eco1	10-27W	3	3	7	3000 or 5700k	Up to 3398lm	>70	Up to 128lm/W
Eco2	19-54W	3	3	7	3000 or 5700k	Up to 6798lm	>70	Up to 132lm/W



Aspect ECO



Electrical Characteristics

LED CCT	4000k to 5700k
LED CRI	>70 as standard
Lumen Output	1210lm - 6798lm (5700k @ Ta =15C)
Lumen Maintenance	>L80, F10 after 95,00 hours on all versions
Drive Current	225mA - 700mA
Driver Efficiency	>92% for all versions (230Vrms)
Power Factor	>0.94
Luminaire Efficiency	Up to 132lm/W (Ta = 15C)
Operational Voltage	220-240VACrms
Operating Frequency	50/60 Hz
Inrush Current (Apl/50%-uS)	125A/115us (230V)
Running current	0.7A max. (230V)
Basic Surge Protection	54kV
Additional Surge Protection Option	10kV/10kA
Lighting Controls Options	Mini Cell, Nema, CLO, PND or CMS compatible
Dimming Protocols	DALI and 1-10V compatible
Dim Level	10-100%

Mechanical Characteristics

Lens Material	PMMA
Housing Finish	Chromate free pre treatment Polyester powder coat Grey (RAL9006) Black (RAL9017) Other RAL colours on request
Ingress Protection Rating	IP66
Weight	5kg
Wind Area	0.04m2
Impact Resistance Rating	IK10 (Body) IK08 (Lens)
Mounting Methods	Post top 60mm or 76mm Side entry 34mm, 42mm, 60mm or 76mm Wall mounting with dedicated bracket
Mounting Inclination	-10, -5, 0, 5 & 10 degrees
Photometric Centre	350mm (back of housing to centre of PCB)



The PowerSet module allows on site power adjustment providing maximum flexibility both in-situ and for stock holding. Each module accommodates the selection of any one of the range of UMSUG coded system powers

