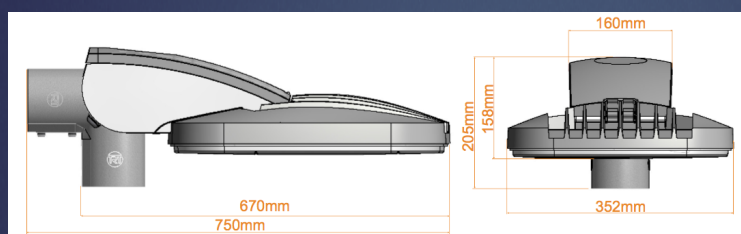


## Aspect 3



Mark Bailey Associates is pleased to offer the Aspect 3 by TRT. Aspect 3 is the standard starting choice for the majority of traffic route applications. A selection of product wattages and optical distributions are available and mainly suit Me6 through to Me4 lighting categories up to 12m mounting heights.

### Shape and Form



### Key Features and Benefits



**IP66** Ingress Protection



**I** Electrical Class



**IK10/IK08** Impact Resistance



**-20°C** Minimum Ambient



**9.2kg** Weight



**55°C\*** Maximum Ambient  
\*131W Limited to 45°C Ambient



**0.068m<sup>2</sup>** Wind Area



**LED** Light Source

### Range Overview

System Power	S/P Road Optics	M/Me Road Optics	Area Optics	CCT	Lumen Output	CRI	System Efficiency
68-131W	✓	✓	✓	4000 or 5700k	Up to 15000	>70	Up to 121lm/W

## Aspect 3



### Electrical Characteristics

System Power	68W-131W
LED CCT	4000k to 5700k
LED CRI	>70 as standard
Lumen Output	8250lm - 15000lm (5700k @ Ta =15C)
Lumen Maintenance	>L80, F10 after 95,00 hours on all versions
Drive Current	225mA - 700mA
Driver Efficiency	>89% for all versions (230Vrms)
Power Factor	>0.95
Luminaire Efficiency	Up to 121lm/W (Ta = 15C)
Operational Voltage	220-240VACrms
Operating Frequency	50/60 Hz
Inrush Current (Apl/50%-uS)	125A/115us (230V)
Running current	0.6A max. (230V)
Basic Surge Protection	4kV
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

Housing Material	High Pressure die cast aluminium
Cover Material	Dished UV Stabilised polycarbonate Clear flat toughened safety glass
Housing Finish	Chromate free pre treatment Polyester powder coat Grey (RAL9006) Black (RAL9017) Other RAL colours on request
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	9.2kg
Wind Area	0.068m <sup>2</sup>
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	450mm (back of housing to centre of PCB)

# PowerSet

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

