

ASPECT**MINI**



IP66 Ingress Protection



I Electrical Class



IK10/IK08 Impact Resistance



-20°C Minimum Ambient



4.2kg Weight



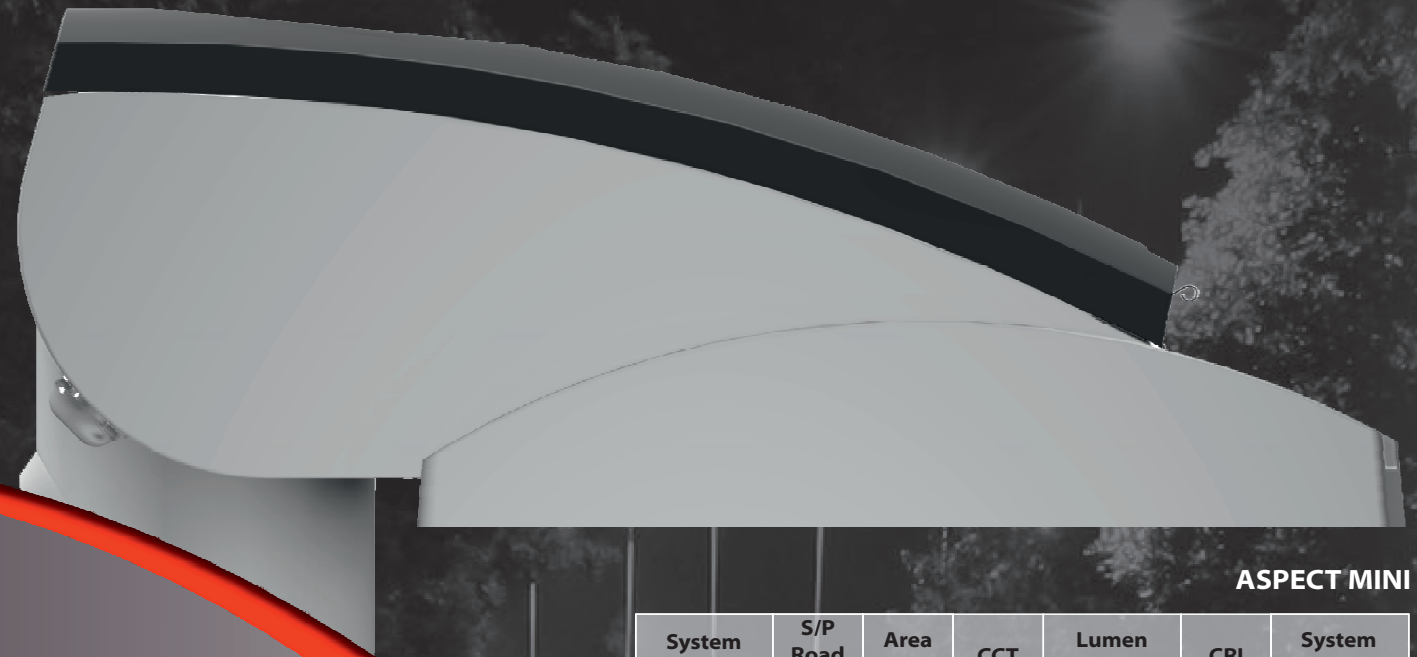
45°C Maximum Ambient



0.0352m² Wind Area



LED Light Source



ASPECT MINI

System Power	S/P Road Optics	Area Optics	CCT	Lumen Output	CRI	System Efficiency
10-50w	✓	✓	3000k 4000k	Up to 5700lm	>70	Up to 130lm/w



The PowerSet module option 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 for the Aspect Mini.



PowerSet



TRTLIGHTING

ASPECTMINI

SPECIFICATION

- LED colour temperature of 3000k and 4000k
- Colour rendering index >70
- >100,000 hour lifetime
- Up to 130lm/W
- Power Factor 0.97 at full load
- High quality pressure die cast LM6 aluminium heat sink & gear compartment
- Post top mounting of 76mm or 60mm with reducer
- Post top inclination of 0, +5 and +10
- Side entry mounting of 34mm, 42mm & 60mm with reducer
- Side entry inclination of -10, -5, 0, +5 & +10
- Wide variety of colour finishes
- Optional surge protection of 10kV/10kA
- Dali, 1-10V, CMS or Part Night Dimming compatible
- Dim level 10-100%
- Exposed Silicone or PMMA Lenses

ELECTRICAL CHARACTERISTICS

System Power	10-50w
LED CCT	3000k or 4000k
LED CRI	>70 as standard
Lumen Output	Up to 5700lm
Lumen Maintenance	Projected L90, B50 - 100,000 hours on all versions
Drive Current	175 - 1000mA
Driver Efficiency	>90% at full load (230V)
Power Factor	0.97 at full load
Luminaire Efficacy	Up to 130lm/W
Operational Voltage	220-240VACrms
Operating Frequency	50/60Hz
Inrush Current (Apk/50%-uS)	53A/200uS (230V)
Supply Current	0.212A max. (240V)
Basic Surge Protection	10kV
Additional Surge Protection (on request)	10kV/10kA
Lighting Controls Options	Mini Cell, NEMA Cell, 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
Lens Material	Exposed Silicone/PMMA
Housing Finish	Chromate free pre treatment Polyester powder coat Grey (RAL9006) Black (RAL9017) Other RAL colours on request
Ingress Protection Rating	IP66
Weight	4.2kg
Wind Area	0.0352m ²
Impact Resistance Rating	IK10 (Body) IK08 PMMA & Silicone Lens
Mounting Methods	Post top 60mm or 76mm Side entry 34mm, 42mm, 60mm or 76mm Wall mounted with dedicated bracket
Mounting Inclination	-10°, -5°, 0°, 5° & 10°
Photometric Centre	185mm (to centre of PCB)

SHIELD OPTIONS

Universal Kit (Front/Rear and 1 No. Side)	83BAF70979
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TRTLIGHTING

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All the 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 us via the details above.

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