

ASPECT MINI



IP66
Ingress Protection



IK10 Body/IK08 Lens
Impact Resistance



4.2kg Weight



Electrical Class I



0.0352m² Wind Area



-20 to +45°C Ambient



LED Light Source

SPECIFICATION

- ✓ LED colour temperature 3000K or 4000K
- ✓ Colour rendering index >70
- ✓ Projected L90 after 100,000 hours
- ✓ Power factor >0.95 at full load
- ✓ Polyester powder coat finish in light grey, dark grey, black or a bespoke colour
- ✓ High quality high pressure die cast LM6 aluminium components
- ✓ Stainless steel fixing screws with stainless steel inserts in pivot
- ✓ Exposed lens or toughened flat glass cover
- ✓ Replaceable gear tray without the need for tools
- ✓ CLO available
- ✓ PowerSet feature - Field adjustable, integral power output selection device (optional)
- ✓ Controls - NEMA 3, 7, Miniature Photocell and Zhaga Book 18 (SR) socket
- ✓ Part Night Dimming (PND) with manual dimming override option
- ✓ Dim level 10-100%
- ✓ DALI compatible for use with CMS
- ✓ Optional surge protection 10kV/10kA
- ✓ Post top mounting 60mm or 76mm
- ✓ Side entry mounting of 34mm, 42mm, 60mm or 76mm
- ✓ Post top inclination of 0°, +5° and +10°
- ✓ Side entry inclination of -10°, -5°, 0°, +5° and +10°
- ✓ Tool-less access
- ✓ UMSUG codes available for full product range



International Dark-Sky Association approved Aspect Mini. Compliant when using a colour temperature of 3000K or below and at zero degree tilt.



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 for Aspect Mini.

RANGE OVERVIEW

Type	System Power	Road Optics	Area Optics	CCT	Lumen Output	CRI
ASB	10-42W	✓	✓	3000K or 4000K	Up to 5,379lm	>70
ASM	14-50W	✓	✓	3000K or 4000K	Up to 6,170lm	>70

ELECTRICAL CHARACTERISTICS

	ASB	ASM
System Power	10-42W	14-50W
LED CCT	3000K or 4000K	
LED CRI	>70	
Lumen Output	Up to 5,379lm	Up to 6,170lm
Lumen Maintenance	Projected L90 after 100,000 hours	
Driver Current	150-835mA	245-1000mA
Driver Output	Constant current output with AM dimming	
Power Factor (Full Load/Half Load)	0.95/0.90	
Operational Voltage	220-240VAC rms	
Operating Frequency	50/60Hz	
Inrush Current (Apk/50%-µS)	26A/180µS	53A/200µS
Running Current (Max)	175mA	208mA
Surge Protection (COM/DIF)	10kV/6kV	8kV/6kV
Additional Surge Protection (on request)	10kV/10kA	
Lighting Controls Options	NEMA 3, 7, Miniature Photocell, Zhaga Book 18 (SR) socket, PND and CMS compatible	
Dimming Protocols	DALI	

MECHANICAL CHARACTERISTICS

Housing Material	High pressure die cast aluminium
Lens Material	PMMA/silicone
Housing Finish	Chromate free pre-treatment, polyester powder coat, light grey (RAL9006), dark grey (RAL7022), black (RAL9005) or bespoke colours on request
Ingress Protection Rating	IP66
Weight	4.2kg
Wind Area	0.0352m ²
Impact Resistance Rating	IK10 (body)/IK08 (lens)
Mounting Methods	Post top 60mm or 76mm/side entry 34mm, 42mm, 60mm or 76mm
Mounting Inclination	-10°, -5°, 0°, 5°, 10°
Photometric Centre	285mm (to centre of PCB)

SHIELD OPTIONS

Universal Front/Rear	83BAF70979
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