

# ASPECT 80 LED



IP66  
Ingress Protection



IK08  
Impact Resistance



9.2kg Weight



Electrical Class I



0.068m² Wind Area



-20 to 40°C Ambient



LED Light Source



DarkSky International approved Aspect 80 LED.  
Compliant when using a colour temperature of  
3000K or below and at zero degree tilt.

## SPECIFICATION

- ✓ LED colour temperature PC-Amber\*, 2200K, 2700K, 3000K or 4000K
- ✓ Colour rendering index >70 (\*>55)
- ✓ 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
- ✓ 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



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 80 LED.

## RANGE OVERVIEW

Type	System Power	Road Optics	Area Optics	CCT	Lumen Output	CRI
AS80	98-208W	✓	✓	PC-Amber*, 2200K, 2700K, 3000K or 4000K	Up to 30,729lm	>70 (*>55)

## ELECTRICAL CHARACTERISTICS

System Power	98-208W
LED CCT	PC-Amber*, 2200K, 2700K, 3000K or 4000K
LED CRI	>70 (*>55)
Lumen Output	Up to 30,729lm
Lumen Maintenance	Projected L90 after 100,000 hours
Driver Current	425-871mA
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)	80A/225µS
Running Current (Max)	870mA
Surge Protection (COM/DIF)	10kV/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
Cover Material	Toughened flat safety glass
Lens Material	PMMA
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	9.2kg
Wind Area	0.068m <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	450mm (to centre of PCB)

## SHIELD OPTIONS

Universal Front/Rear	81BAF70458
Side	81BAF70657



FOR MORE INFORMATION

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