

Specification

- LED Colour Temperature PC-Amber, 2200K, 3000K, 4000K and 5700K (Zebra only)
- Colour Rendering Index > 70
- Projected L90 after 100,000 hours
- Power Factor 0.95 at full load
- High Quality High Pressure Die Cast LM6 Aluminium Components
- Toughened Flat Glass
- Part Night Dimming (PND) with manual dimming override option
- DALI compatible for use with CMS
- Stainless Steel Fixing Screws with Stainless Steel Inserts in Pivot
- Replacable Gear Tray
- MountSet (Patent Granted) - Universal mounting system to interface with multiple column/bracket diameters or length
- PowerSet - Field adjustable, integral power output selection device
- In-built Ventilation (breather) Plug for pressure equalisation
- CLO Available
- Light Grey, Dark Grey or Black Finish
- Optional Surge Protection 10kV/10kA
- Controls - NEMA 3, 7, Miniature Photocell and Zhaga Book 18 (SR) Socket (Top)
- Luminaire levelling indicator



IP66 Ingress Protection



IK08 Impact Resistance



7 kg Weight



Electrical Class I



0.06m² Wind Area



-20 to +30°C Ambient



International Dark-Sky Association approved Optio Midi 48 LED. Compliant when using a colour temperature of 3000K or below and at zero degree tilt.



Range Overview

Type	Optio Midi
System Power	40-100W
Road Optics	✓
Area Optics	✓
CCT	2200K, 3000K, 4000K & PCA*
Lumen Output	Upto 15,407lm
CRI	>70 (*>55)

Type	Optio Midi (Zebra)
System Power	40-100W
Left Distribution	✓
Right Distribution	✓
CCT	5700K
Lumen Output	Upto 16,306lm
CRI	>70

Electrical Characteristics

System Power	40-100W
LED CCT	PC-Amber*, 2200K, 3000K, 4000K & 5700K (Zebra only)
LED CRI	>70(*>55)
Lumen Output	Upto 16,306lm
Lumen Maintenance	Projected L90 after 100,000 hours
Drive Current	260-695mA
Driver Output	Constant Current Output with AM Dimming
Power Factor (Full Load/Half Load)	0.95/0.90
Operational Voltage	220-240VACrms
Operating Frequency	50/60Hz
Inrush Current (Apk/50%-μS)	62A/330uS
Running Current	0.460A
Surge Protection (COM/DIF)	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 LM6 aluminium
Housing Finish	Chromate free pre-treatment, Polyester powder coat, Light Grey (RAL9006), Black (RAL9005), Dark Grey (RAL7022)
Cover Material	Toughened Flat Safety Glass
Lens Material	PMMA
Ingress Protection Rating	IP66
Weight	7kg
Wind Area	0.06m ²
Impact Resistance Rating	IK08
Mounting Methods	Post Top 60mm or 76mm/Side Entry 34mm, 42mm or 60mm
Mounting Inclination	-10°, -5°, 0°, 5°, 10°
Photometric Centre	300mm (to center of PCB)

Shields Options

Universal Front/Rear	83BAF71375
Universal Side	83BAF71374



For more information

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