

Specification

- LED colour temperature of 3000k or 4000k
- Colour rendering index >70
- Projected L90 after 100,000 hours
- Power factor 0.95 at full load
- High quality high pressure die cast aluminium components
- Post top mounting of 76mm
- UMSUG codes available for full product range
- In-built ventilation (breather) plug for pressure equalisation
- Supplied pre-cabled with Arctic Grade PVC flex
- CLO available
- Light grey or black finish
- Optional surge protection of 10kV/10kA
- Controls - NEMA 3, 7, Miniature photocell and Zhaga book 18 (SR) socket
- UV stabilised polycarbonate bowl
- Stainless steel fixing screws with stainless steel inserts in gallery
- Part Night Dimming (PND) with manual override option
- DALI compatible for use with CMS
- Tool-less access

 **IP66 Ingress Protection**

 **IK10 Bowl | IK08 Top**

 **10.5kg Weight**

 **Electrical Class I**

 **0.14m² Wind Area**

 **-20 to +30°C Ambient**

 **LED Light Source**

PowerSet

Range Overview

Type	Luz 4 LED	Luz 8 LED	Luz 16 LED
System Power	14-50W	51-83W	85-137W
Road Optics	✓	✓	✓
Area Optics	✓	✓	✓
CCT	3000K or 4000K	3000K or 4000K	3000K or 4000K
Lumen Output	Up to 5,458lm	Up to 9,096lm	Up to 16,282lm
CRI	>70	>70	>70

Electrical Characteristics

Type	Luz 4 LED	Luz 8 LED	Luz 16 LED
System Power	14-50W	51-83W	85-137W
LED CCT	3000K or 4000K		
LED CRI	>70		
Lumen Output	Up to 5,458lm	Up to 9,096lm	Up to 16,282lm
Lumen Maintenance	Projected L90 after 100,000 hours		
Drive Current	245-1000mA	502-827mA	446-700mA
Driver Output	Constant current output with AM dimming		
Power Factor (Full Load/Half Load)	0.95/0.90	0.95/0.90	0.95/0.90
Operational Voltage	220-240VAC rms		
Operating Frequency	50/60Hz		
Inrush Current (Apk/50%-µS)	53A/200µS	57A/210µS	62A/330µS
Running Current (max)	0.208A max	0.350A max	0.570A max
Surge Protection (COM/DIF)	10kV/6kV	8kV/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
Housing Finish	Chromate free pre treatment polyester powder coat Light grey (RAL9006) black (RAL9005)
Bowl Material	UV stabilised polycarbonate
Lens Material	PMMA
Ingress Protection Rating	IP66
Weight	10.5kg
Wind Area	0.14m ²
Impact Resistance Rating	IK10 bowl/IK08 top
Mounting Methods	Post top 76mm



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 powers for the LUZ luminaire.

For more information



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