



TRTLIGHTING
ROAD & TUNNEL SYSTEMS







ORBIX



PLAIN



HOOD

-  **IP66** Ingress Protection
-  **I** Electrical Class
-  **IK10** Impact Resistance
-  **-20°C** Minimum Ambient
-  **3kg** Weight
-  **35°C** Maximum Ambient

SPECIFICATION

- Strong die cast aluminium body and cover frame
- Dark Grey, full polyester powder finish as standard
- Miniature photocell option
- Colour Rendering Index >80
- Power Factor >0.95 at full load
- Integral 3 hour emergency option
- Replaceable internal control gear
- High efficiency fire retardant satin polycarbonate diffuser
- Choice of cover options (Plain or Hood)
- LED Colour Temperature 4000K
- Projected L70 after 100,000 hours
- Optional anti-tamper fixings
- Lux Guard (Patent Granted) - Innovative LED current sharing PCB design that maintains light output in the event of LED failure(s)
- Lumi-LinQ option

RANGE OVERVIEW

Type	System Power	Lumen Output	CCT	CRI
Plain Satin Cover	17W	1795lm	4000K	80
Satin Cover with Hood	18W	1020lm	4000K	80



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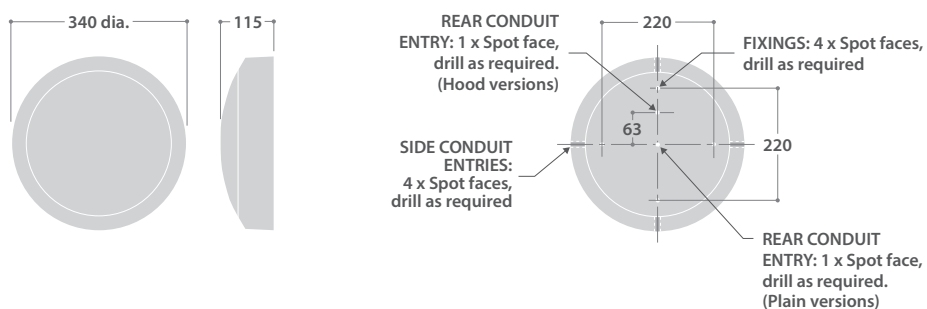
ELECTRICAL CHARACTERISTICS

	Plain Satin Cover	Satin Cover with Hood
System Power	17W	18W
LED CCT	4000k	
LED CRI	80	
Lumen Output	1795lm	1020lm
Lumen Maintenance	Projected L70 after 100,000 hours	
Power Factor (Full Load/Half Load)	0.95/0.90	
Operational Voltage	220-240VACrms	
Operating Frequency	50/60Hz	
Inrush Current (Apk/50%-uS)	19A/240uS	
Running Current	685mA	422mA
Surge Protection (COM/DIF)	2kV/1kV	
Lighting Controls Options	Miniature Photocell and Lumi-LinQ	
Dimming Protocols	DALI	

MECHANICAL CHARACTERISTICS

Housing Material	High pressure die cast aluminium
Cover Material:	Fire Retardent Polycarbonate
Housing Finish	Chromate free pre treatment Polyester powder coat Dark Grey (RAL7022)
Ingress Protection Rating	IP66
Weight	3.0kg
Impact Resistance Rating	IK10
Mounting Methods	Wall and Ceiling (rear and side conduit entries)

DIMENSIONS



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