

# X-RANGE INTERIOR



IP66  
Ingress Protection



IK09  
Impact Resistance



13kg Weight



Driver Enclosure  
Electrical Class 1



Luminaire  
Electrical Class 2



-20 to +35°C Ambient



LED Light Source

## SPECIFICATION

- ✓ LED colour temperature 4000K (alternatives available)
- ✓ Colour rendering index >70
- ✓ Projected L90 after 100,000 hours
- ✓ Power factor 0.95 at full load
- ✓ Lightweight low profile luminaire
- ✓ High quality extruded 6063T6 aluminium housing
- ✓ Toughened flat safety glass cover
- ✓ Dedicated optical assemblies
- ✓ Wide variety of optical distributions
- ✓ Lux Guard (patent granted) - Innovative LED current sharing PCB design that maintains light output in the event of LED failure(s)
- ✓ Dim level 10-100%
- ✓ DALI/1-10V
- ✓ Remote or integral driver enclosures
- ✓ Optional surge protection 10kV/10kA
- ✓ Total galvanic isolation from mounting structure
- ✓ Rear or end entry connections for housing
- ✓ IP68 in-line connectors
- ✓ LSF0H and fire resistant cable options
- ✓ Dedicated clamp brackets



## RANGE OVERVIEW

Type	System Power	Symmetric Optics	Point Source Optics	Counter Beam Optics	Cornice Optics	CCT	Lumen Output	CRI
XRA-I-4	25W	✓	✓	✓	✓	4000K	Up to 4,083lm	>70
XRA-I-7	40W	✓	✓	✓	✓	4000K	Up to 7,040lm	>70

ELECTRICAL CHARACTERISTICS	XRA-I-4	XRA-I-7
System Power	25W	40W
LED CCT	4000K	
LED CRI	>70	
Lumen Output	Up to 4,083lm	Up to 7,040lm
Lumen Maintenance	Projected L90 after 100,000 hours	
Driver Current	920mA	800mA
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	
Driver Quantity per Luminaire	1	
Inrush Current (Apk/50%-µS)	21A/300µS	
Running Current (Max)	110mA	180mA
Surge Protection (COM/DIF)	10kV/6kV	
Additional Surge Protection (on request)	10kV/10kA	
Dimming Protocols	DALI/1-10V	
Dim Level	10-100%	
Max. Driver Qty on MCB 16A Type C	35	
Insulation Class	Class II (luminaire) Class I (driver enclosure)	
Connections	Driver to luminaire LSF0H silicone or fireproof cable supplied with IP68 in-line connectors	

## MECHANICAL CHARACTERISTICS

Housing Material	Extruded aluminium 6063T6
Housing Finish	Silver anodised AA25
Cover Material	Toughened flat safety glass
Lens Material	PMMA
Clamp Material	Stainless steel 316
Clamp Insulator Material	Nylon 66
Clamp Finish	Nylon 11 coated
Ingress Protection Rating	IP66
Weight	13kg (add 0.8kg for fixing kit)
Impact Resistance Rating	IK09
Mounting Methods	Surface mounted

