

X-Range Boost

Specification

- LED colour temperature 4000K
(alternatives available)
- Colour rendering index >70
- Projected L90 after 100,000 hours
- Power factor 0.95 at full load
- High quality extruded 6063T6 aluminium housing
- Light weight low profile luminaire
- Rear or end entry connections for housing
- Dedicated clamp brackets
- Wide variety of optical distributions
- Dedicated optical assemblies
- Total galvanic isolation from mounting structure
- Optional surge protection 10kV/10kA
- Remote or integral driver enclosures
- Toughened flat glass cover
- DALI/1-10V
- Dim level 10-100%
- LSF0H and fire resistant cable options



IP66 Ingress Protection



IK09 Impact Resistance



2.0-10.8kg Weight



LED Light Source



Driver Electrical Class I



Luminaire Electrical Class II



-20°C to 35°C Ambient



High Ambient Versions Available



Range Overview

	XRA-B-1	XRA-B-2	XRA-B-3	XRA-B-4	XRA-B-5	XRA-B-6
System Power	69W	138W	207W	276W	296W	355W
Symmetric Optics	✓	✓	✓	✓	✓	✓
Point Source Optics	✓	✓	✓	✓	✓	✓
Counterbeam Optics	✓	✓	✓	✓	✓	✓
Cornice Optics	✓	✓	✓	✓	✓	✓
CCT	4000K	4000K	4000K	4000K	4000K	4000K
Lumen Output	Up to 10,151lm	Up to 20,302lm	Up to 30,454lm	Up to 40,605lm	Up to 44,564lm	Up to 53,477lm
CRI	>70	>70	>70	>70	>70	>70

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Electrical Characteristics

	XRA-B-1	XRA-B-2	XRA-B-3	XRA-B-4	XRA-B-5	XRA-B-6
System Power	69W	138W	207W	276W	296W	355W
Lumen Maintenance	Projected L90 after 100,000 hours					
Drive Current	700mA				600mA	
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	0.95/0.90	0.95/0.90	0.95/0.90
Operational Voltage	220-240VAC rms					
Operating Frequency	50/60Hz					
Driver Quantity per Luminaire	1	1	1	1	1	1
Inrush Current (Apk/50%-µS)	43A/260µS	58A/340µS	80A/225µS	13A/1320µS	13A/1320µS	13A/1320µS
Running Current	0.29A max	0.29A max	0.87A max	1.20A max	1.23A max	1.48A max
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	17	11	13	11	11	13
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 (add 0.8kg for fixing kit)	2.0-10.8kg
Impact Resistance Rating	IK09

For more information

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All information detailed within this datasheet is accurate at the date of issue. The information provided is subject to change at our discretion. If any questions arise or extra information is required, please contact TRT Lighting directly.
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