

# X-RANGE TWIN 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
- ✓ Lightweight low profile luminaire
- ✓ High quality extruded 6063T6 aluminium housing
- ✓ Toughened flat safety glass cover
- ✓ Dedicated optical assemblies
- ✓ Wide variety of optical distributions
- ✓ 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



IP66  
Ingress Protection



IK09  
Impact Resistance



3.6-19.8kg Weight



Driver Enclosure  
Electrical Class 1



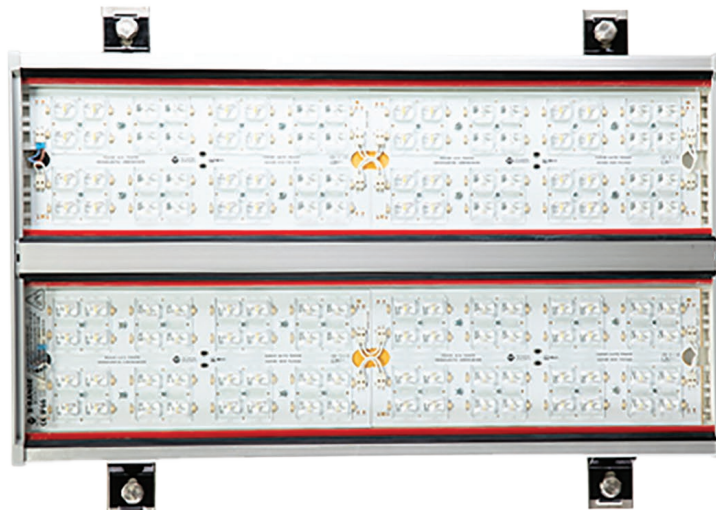
Luminaire  
Electrical Class 2



-20 to +35°C Ambient



LED Light Source



## RANGE OVERVIEW

Type	System Power	Symmetric Optics	Point Source Optics	Counter Beam Optics	Cornice Optics	CCT	Lumen Output	CRI
XRA-T-2	138W	✓	✓	✓	✓	4000K	Up to 20,302lm	>70
XRA-T-4	276W	✓	✓	✓	✓	4000K	Up to 40,605lm	>70
XRA-T-6	414W	✓	✓	✓	✓	4000K	Up to 60,908lm	>70
XRA-T-8	552W	✓	✓	✓	✓	4000K	Up to 81,211lm	>70
XRA-T-10	591W	✓	✓	✓	✓	4000K	Up to 89,129lm	>70
XRA-T-12	710W	✓	✓	✓	✓	4000K	Up to 106,955lm	>70

ELECTRICAL CHARACTERISTICS	XRA-T-2	XRA-T-4	XRA-T-6	XRA-T-8	XRA-T-10	XRA-T-12
System Power	138W	276W	414W	552W	591W	710W
LED CCT	4000K					
LED CRI	>70					
Lumen Output	Up to 20,302lm	Up to 40,605lm	Up to 60,908lm	Up to 81,211lm	Up to 89,129lm	Up to 106,955lm
Lumen Maintenance	Projected L90 after 100,000 hours					
Driver Current	700mA			600mA		
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	1	2	2	2	2
Inrush Current (Apk/50%-µS)	58A/340µS	13A/1320µS	80A/225µS	13A/1320µS	13A/1320µS	13A/1320µS
Running Current (Max)	580mA	1,200mA	1,800mA	2,300mA	2,900mA	3,500mA
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	11	11	13	11	11	11
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	3.6-19.8kg (add 0.8kg for fixing kit)
Impact Resistance Rating	IK09
Mounting Methods	Surface mounted

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. X-Range Twin Boost Datasheet issue Jul 2022.



FOR MORE INFORMATION

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