



Liner Quattro AC XB DW

The Liner Quattro AC XB DW is an AC line powered, high brightness luminaire. The luminaire is controllable via DMX512 with auto-addressing for easy configuration. The system is connected using a daisy chain topology, allowing easy installation to form long run lengths. Remote Device Management (RDM) circuits are built into each luminaire that enables extensive control and monitoring of the entire lighting installation.



Product Specifications

	XB4.9	XB4.18
Light Source	4-in-1 LED clusters	
Color Range	DW (2700K - 6500K)	
Beam Angle	13°, 30° × 15°, 75° × 40°, 60°	
Luminous Flux¹	2177 lm	4418 lm
Efficacy¹	47 lm/W	52 lm/W
Lumen Maintenance	L70 @25°C - 80,000hrs	
Cover Lens	Tempered glass cover	
Housing	Aluminium	
Adjustment Options	±90° tilt	
Size (L × W × H)	594mm × 75mm × 117mm 24" × 3" × 4.6"	1188mm × 75mm × 117mm 48" × 3" × 4.6"
Weight	5kg / 11lbs	7.5kg / 16.5lbs
Regulatory Listing & Safety Approval	CE, cETLus	
Operating Temperature	-30°C to +50°C / -22°F to +122°F (-20°C / -4°F starting)	
Storage Temperature	-40°C to +70°C / -40°F to +158°F	
Environment	Outdoor (IP66), suitable for coastal environments	
Humidity	85%, non-condensing	

Electrical Specifications

Input Voltage²	100-277V AC 50/60Hz	
Power Consumption	46W	85W
Power Factor	≥ 0.9	

System Specifications

Power	AC line
Control	DMX512 with auto-addressing, Remote Device Management (RDM)
Power Supply	Built-in

1. Based on photometric data of Liner Quattro AC XB 30° × 15°.
2. Auto-switching. Single phase (line, neutral, and ground).

LED CHARACTERISTICS Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicate function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

Lumen measurement complies with LM-79-08 standard.
 Lumen maintenance is calculated based on LM-80 compliant measurement.

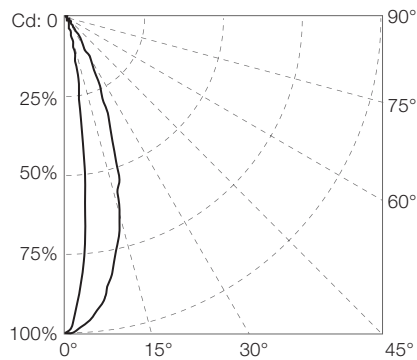
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Source Specifications

LED Source	4-in-1 LED clusters
Beam Angle	30° × 15°

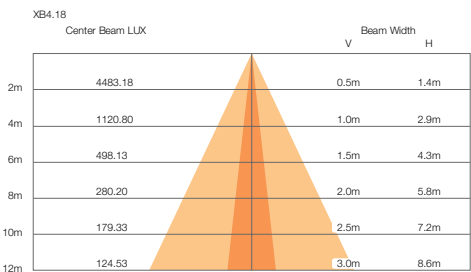
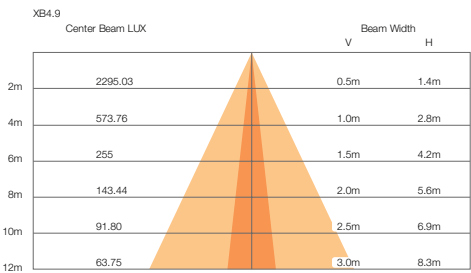
Candela Distribution



Light Output

Color	Luminous Flux (lm)	Candela Distribution @100%	Efficacy (lm/W)
XB4.9			
White (full on)	2177	9180.10	47.33
Cold White	1303	5393.85	58.49
Warm White	940	3981.41	41.44
XB4.18			
White (full on)	4418	17932.73	51.98
Cold White	2583	10393.68	60.23
Warm White	1893	7685.47	44.50

Illuminance at a Distance



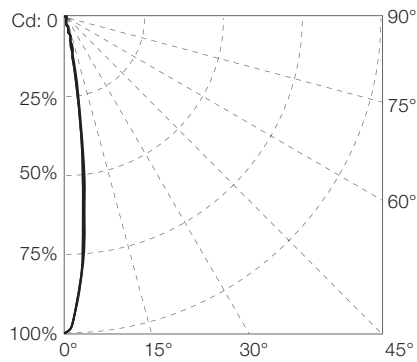
For feet multiply by 3.28

For fc divide by 10.7

Source Specifications

LED Source	4-in-1 LED clusters
Beam Angle	13°

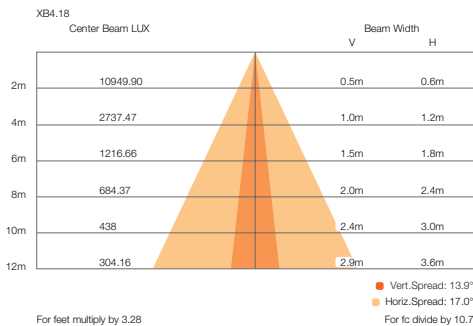
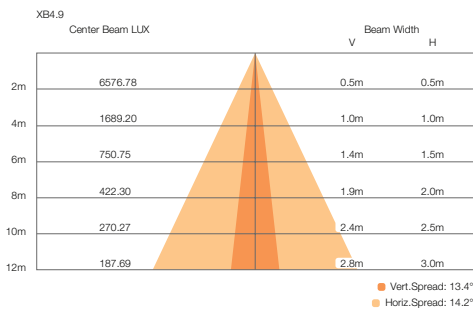
Candela Distribution



Light Output

Color	Luminous Flux (lm)	Candela Distribution @100%	Efficacy (lm/W)
XB4.9			
White (full on)	2508	27027.12	54.52
Cold White	1458	15445.01	65.42
Warm White	1086	11844.97	47.85
XB4.18			
White (full on)	4940	43799.59	58.11
Cold White	2898	25520.78	67.58
Warm White	2116	18799.14	49.73

Illuminance at a Distance



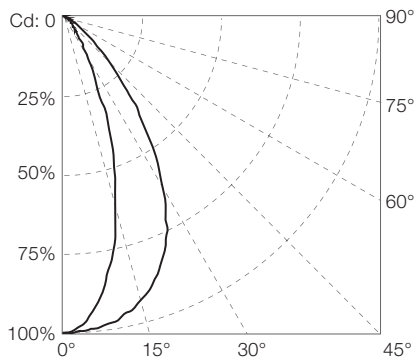
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Source Specifications

LED Source	4-in-1 LED clusters
Beam Angle	75° × 40°

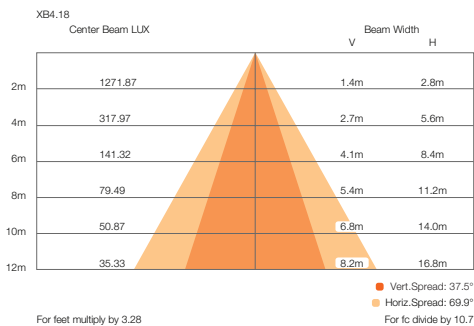
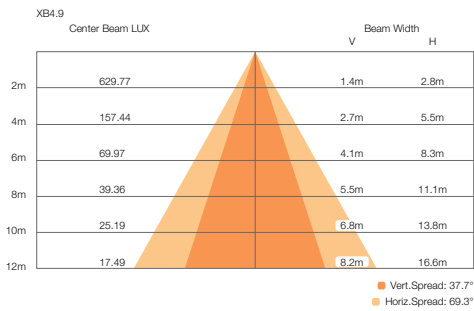
Candela Distribution



Light Output

Color	Luminous Flux (lm)	Candela Distribution @100%	Efficacy (lm/W)
XB4.9			
White (full on)	2129	2519.07	46.29
Cold White	1270	1479.68	57.02
Warm White	917	1083.76	40.42
XB4.18			
White (full on)	4322	5087.47	50.85
Cold White	2523	2943.33	58.83
Warm White	1855	2173.95	43.60

Illuminance at a Distance



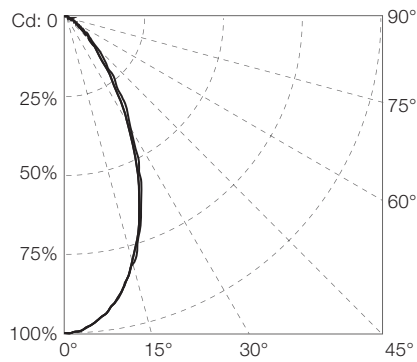
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Source Specifications

LED Source	4-in-1 LED clusters
Beam Angle	60°

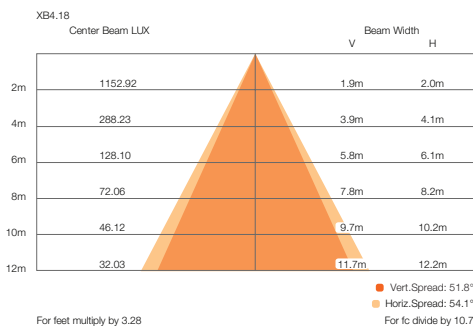
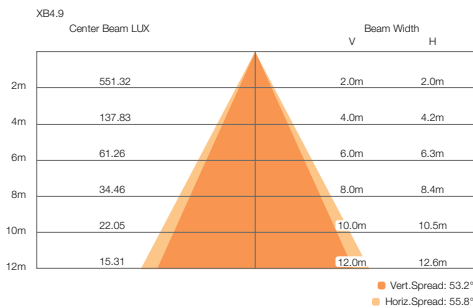
Candela Distribution



Light Output

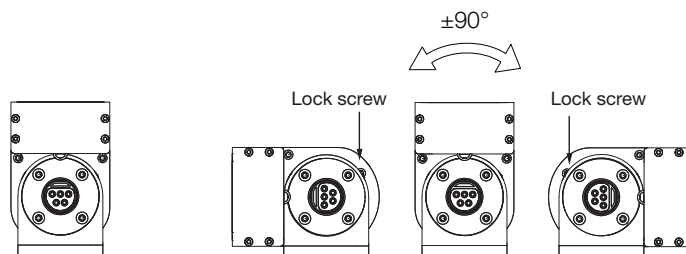
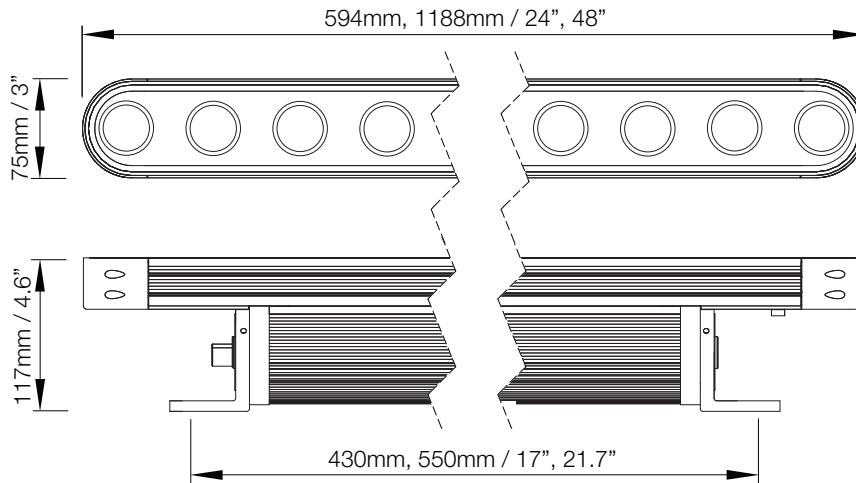
Color	Luminous Flux (lm)	Candela Distribution @100%	Efficacy (lm/W)
XB4.9			
White (full on)	2137	2205.28	46.46
Cold White	1277	1377.73	57.30
Warm White	925	982.41	40.75
XB4.18			
White (full on)	4346	4611.69	51.13
Cold White	2535	2672.29	60.23
Warm White	1862	1975.23	44.50

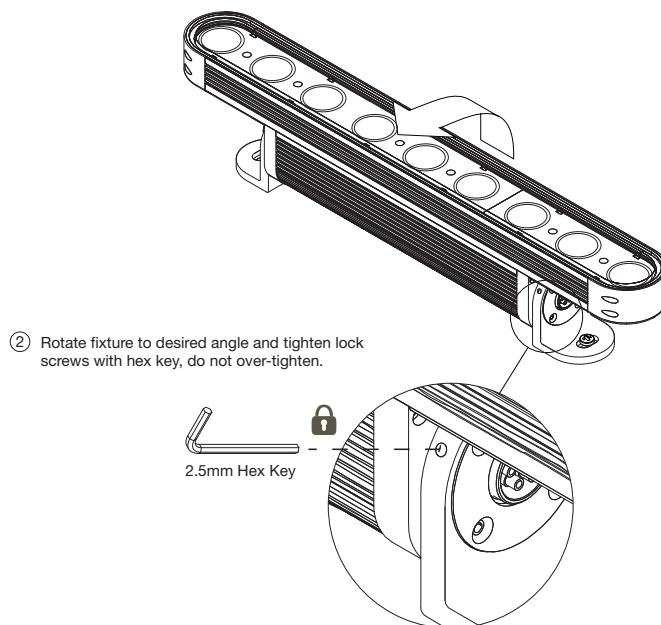
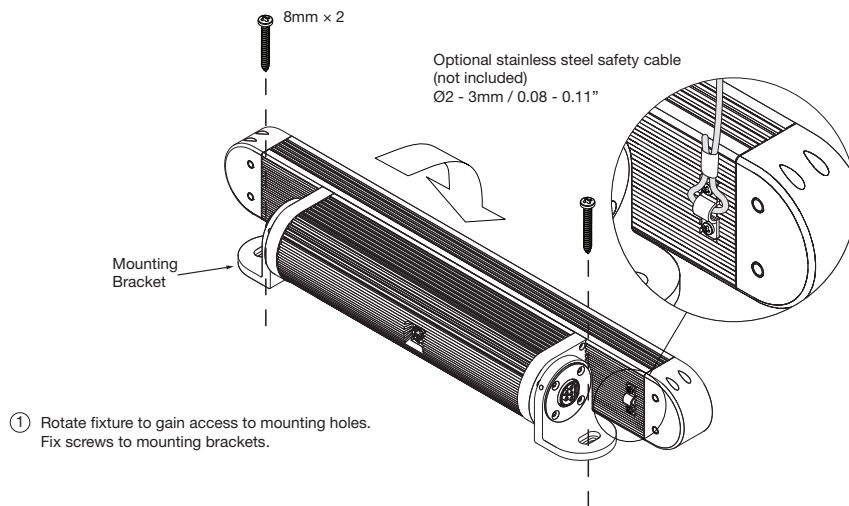
Illuminance at a Distance

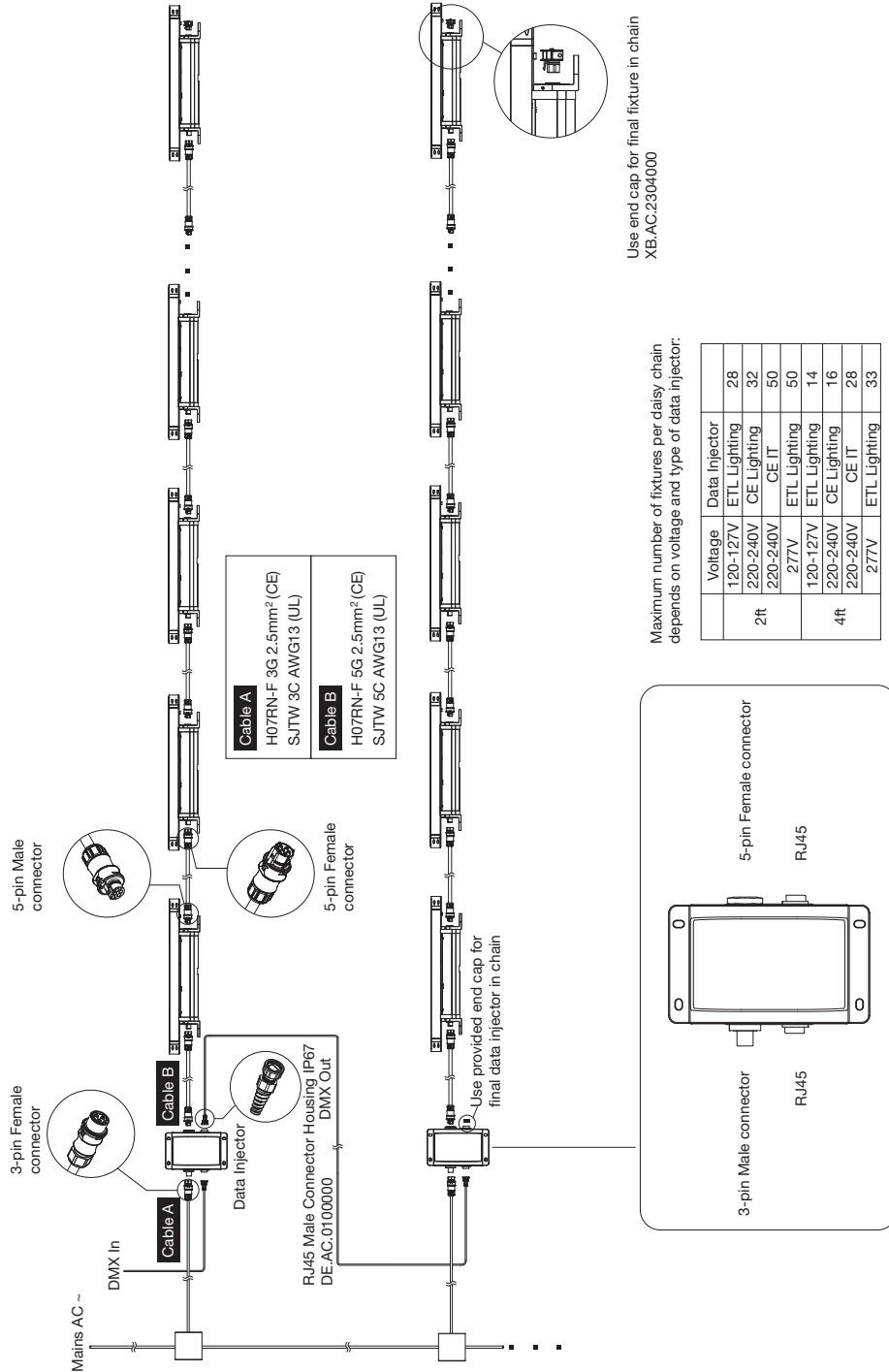


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Liner Quattro AC XB DW

Ordering

Model Number

XB	.	XX	.	9	3	8	N	1	0	0
Length		Ingress Protection		Colors	Beam Angle		Cover Lens			
L5: XB4.9 (24")		3: IP66		8: DW	1: 13°		1: Clear			
L7: XB4.18 (48")					4: 30x15°					
					7: 75x40°					
					8: 60°					

Fixtures

Model No.	Description	Item Code
XB.L5.9381100	Liner Quattro AC XB4.9 DW 13°	AB389860055
XB.L5.9384100	Liner Quattro AC XB4.9 DW 30° × 15°	AB389890055
XB.L5.9387100	Liner Quattro AC XB4.9 DW 75° × 40°	AB389920055
XB.L5.9388100	Liner Quattro AC XB4.9 DW 60°	AB389930055
XB.L7.9381100	Liner Quattro AC XB4.18 DW 13°	AB389940055
XB.L7.9384100	Liner Quattro AC XB4.18 DW 30° × 15°	AB389970055
XB.L7.9387100	Liner Quattro AC XB4.18 DW 75° × 40°	AB390000055
XB.L7.9388100	Liner Quattro AC XB4.18 DW 60°	AB390010055

Accessories

Model No.	Description	Item Code
XB.AC.4000000	Quattro AC XB Data Injector (ETL Lighting / CE IT)	AB389160055
XB.AC.4000100	Quattro AC XB Data Injector (CE Lighting)	AB444880055
XB.AC.2302000	5-pin Field Installable AC Connector Plug IP66	AA438580235
XB.AC.2303000	5-pin Field Installable AC Connector Socket IP66	AA438570235
XB.AC.4006000	3-pin Field Installable AC Connector Socket IP66	AB389040035
XE.ID.0204000	AC XB Interconnection Cable, 5-wire, CE (2m)	AB389130055
XE.ID.0204001	AC XB Interconnection Cable, 5-wire, UL (6.5ft)	AB389120055
XE.ID.0074000	AC XB Interconnection Cable, 5-wire, CE (0.7m)	AB389100055
XE.ID.0074001	AC XB Interconnection Cable, 5-wire, UL (2.33ft)	AB389070055
XE.IF.0104000	AC XB Power Cable, 3-wire, CE (1m)	AB389060055
XE.IF.0104001	AC XB Power Cable, 3-wire, UL (3.25ft)	AB389050055
DE.AC.0100000	RJ45 Male Connector Housing IP67	AA556100155
XB.AC.2304000	5-pin Connector Socket End Cap IP66	AA508870335



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