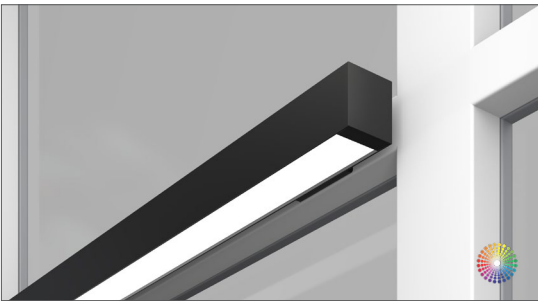




Project

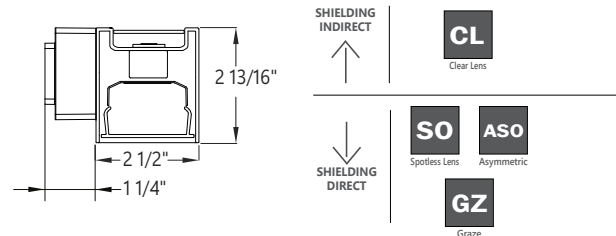
Type

Notes

PERFORMANCE PER LINEAR FOOT AT 3500K, 90 CRI

NOMINAL LUMEN OUTPUT UP	NOMINAL LUMEN OUTPUT DOWN	INPUT WATTS*	EFFICACY	SHIELDING
1450 lm/ft		16.4 W/ft	61 lm/W	CL
	1000 lm/ft	16.4 W/ft	61 lm/W	SO
	1050 lm/ft	16.4 W/ft	64 lm/W	GZ
	1000 lm/ft	16.4 W/ft	61 lm/W	ASO

*Please consult factory for custom lumen output and wattage.



Ordering Guide



PRODUCT ID		NOM. LUM/FT UP <i>Skip selection for EX2WD</i>		NOM. LUM/FT DOWN <i>Skip selection for EX2WI</i>		CRI		COLOR TEMP.		SHIELDING UP <i>Skip selection for EX2WD</i>		SHIELDING DOWN <i>Skip selection for EX2WI</i>	
EX2WDI	Extend 2 RGB + W Wall Direct / Indirect	1450	1450 lm/ft	1000	1000 lm/ft	90	90 CRI	CTRGBW30	RGB+30K White-Color Tuning	CL	Clear lens	SO	Spotless lens
EX2WD	Extend 2 RGB + W Wall Direct							CTRGBW35	RGB+35K White-Color Tuning			GZ	Graze
EX2WI	Extend 2 RGB + W Wall Indirect							CTRGBW40	RGB+40K White-Color Tuning			ASO	Asymmetric
												Choose only one of the options.	

LENGTH (FT)		FINISH		VOLTAGE		DRIVER		CIRCUITS	
4	4'	AP	aluminum paint	120	120 V	CT (DMX)	color tuning driver	1	1 circuit
5	5'	W	white	277	277 V			+E(#)	emergency circuit*
6	6'	BLK	black	UNV	universal				
7	7'	C	custom						
8	8'								
12	12'								
S(L) System Run									
3" Increments are available for lengths over 4 feet.				Integral drivers standard, remote drivers available for environments outside of driver operating temperature range or where fixture access may be limited. See page 2 for more details. Remote only with EX2WDI.				*Specify quantity. Minimum 3ft fixture length.	

MOUNTING/SUSPENSION		OTHER (OPTIONAL)		CUSTOM (OPTIONAL)	
HMD	Horizontal mullion down	+N	natatorium finish	C	custom
HMO	Horizontal mullion out *				
HVMD	Horizontal to vertical mullion down				
VMO	Vertical mullion out *				
See more details on page 3. Minimum mullion width 1.5" *Not available with EX2WDI or EX2WI.				Please specify	

Controller ordered separately.
See wall switch spec sheet.



CONSTRUCTION

Housing	Extruded aluminum (0.08" nominal) Up to 70% recycled content
End Cap	Cast aluminum
Interior Brackets	Die formed sheet steel (18 gauge)
Gaskets	Silicone rubber
Lens Gaskets	Extruded elastomer
Lens	Extruded acrylic
Fasteners	All external fasteners are tamper proof TORX T20

OPTICS

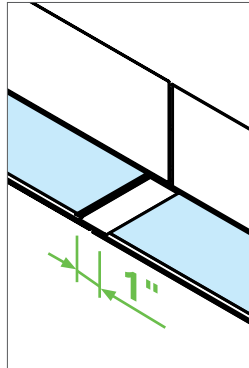


SO Spotless lens;
ASO Asymmetric Spotless lens;
GZ Graze.

Impact modified PMMA lens used for all shielding options.

SYSTEM (S(L))

Lengths of 4'-12' standalone are available. Runs of EXTEND 2 that are greater than 12' in length are designated as systems (S(L)). System runs are comprised of a combination of 4' to 8' sections to be assembled on site using our joining system which includes a 1" sealed joiner plate. For more information on systems and joining, please refer to the EXTEND 2 installation sheets available for download at www.axislighting.com.



WEIGHT

4 ft	9 lbs / 4.1 kg
8 ft	18 lbs / 8.2 kg
12 ft	27 lbs / 12.3 kg

FINISH

Powder coated, custom finishes are available.

OTHER MOUNTING OPTIONS

EXTEND 2 is also available with wall, surface, pendant and recessed mount options.

- i** Specification sheets and installation sheets for all mountings for EXTEND 2 luminaires are available for download at www.axislighting.com

ELECTRICAL

Color Tuning CT driver	DMX - Standard. Ambient operating range: -4°F - 104°F (-20°C - +40°C)
Emergency	Emergency circuit optional.
Input Voltage	120V, 277V, UNV.

- i** Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

LED SYSTEM

CRI	90 color rendering index.
CRI Color Tuning	90 CRI for CTRGBW. Note: RGB+W allows you to select the 'white point' (CCT) + CRI, delivering a more flexible and powerful white than standard RGBW.
CCT Color Tuning	30 (3000K) 35 (3500K) 40 (4000K)
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	Dry and wet location rated IP66 for outdoor or indoor use. Impact resistant rated IK10. For extreme temperature environments, please contact factory. Remote drivers available for environments outside of driver operating temperature range or where fixture access may be limited. Ambient operating temperature range for fixtures with remote drivers -40°F to +167°F (-40°C - +75°C).

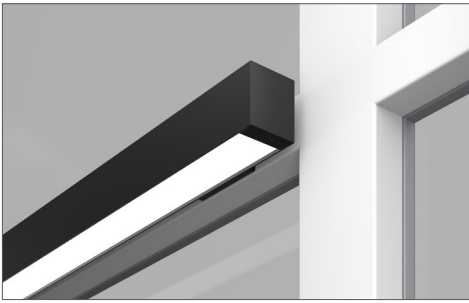
APPROVALS

Certified wet locations to UL and CUL standards. IP66 and IK10 rated.

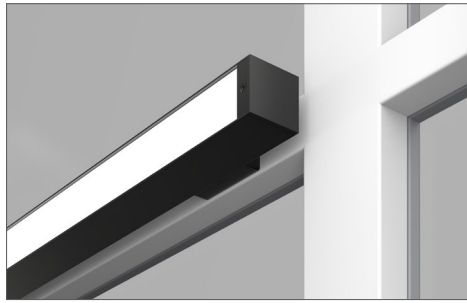
WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● MOUNTING OPTIONS

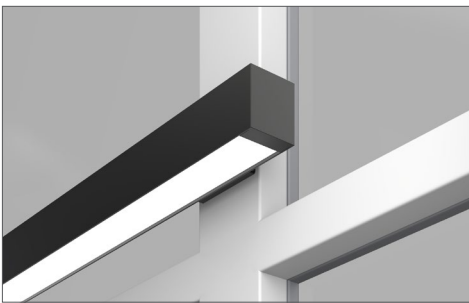


HMD HORIZONTAL MULLION DOWN

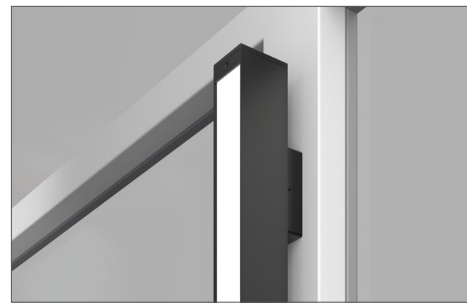


HMO HORIZONTAL MULLION OUT *

* Not available with EX2WDI or EX2WLI.

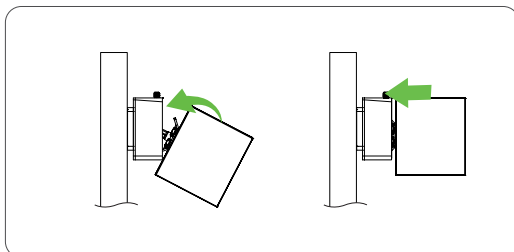


HVMD HORIZONTAL TO VERTICAL MULLION DOWN



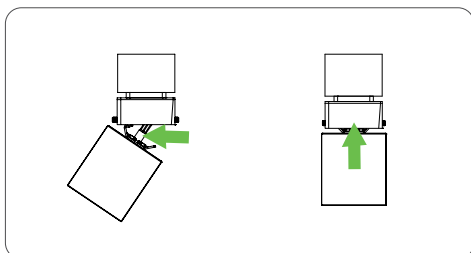
VMO VERTICAL MULLION OUT*

HORIZONTAL MOUNTING DETAILS



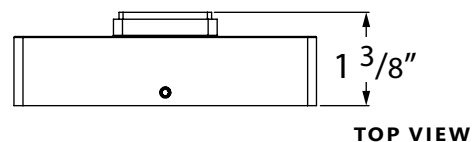
SIDE VIEW

VERTICAL MOUNTING DETAILS

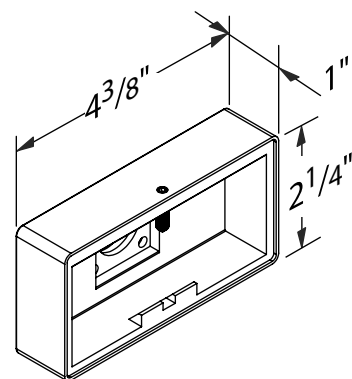


TOP VIEW

MULLION BRACKET DIMENSIONS



TOP VIEW



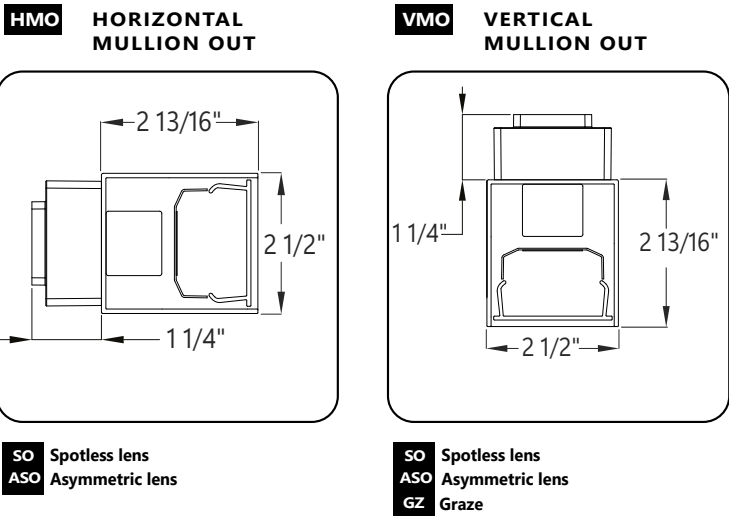
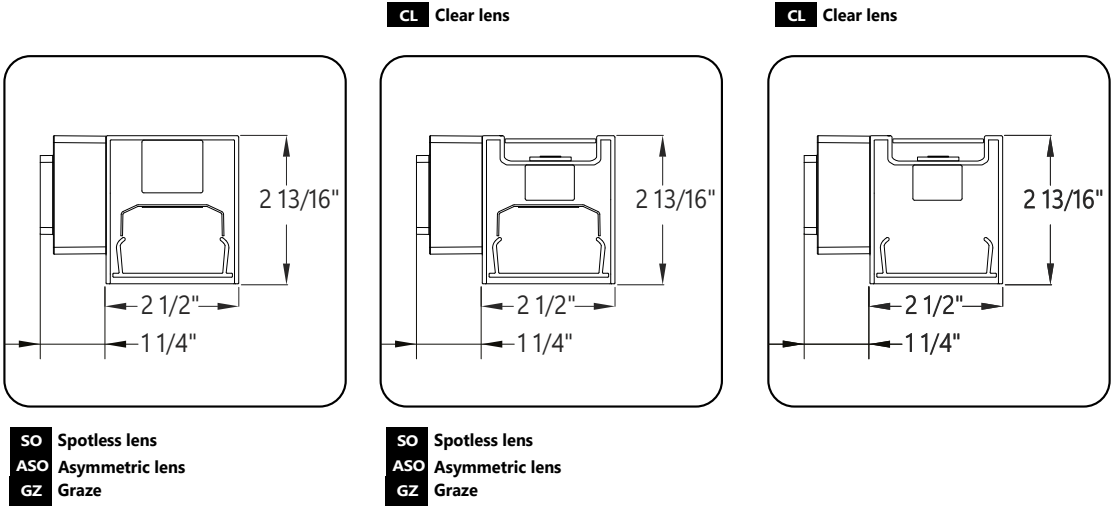
ISOMETRIC VIEW

SECTION VIEWS

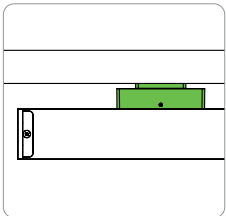
- HMD

HORIZONTAL
MULLION DOWN
- HVMD

HORIZONTAL TO VERTICAL
MULLION DOWN



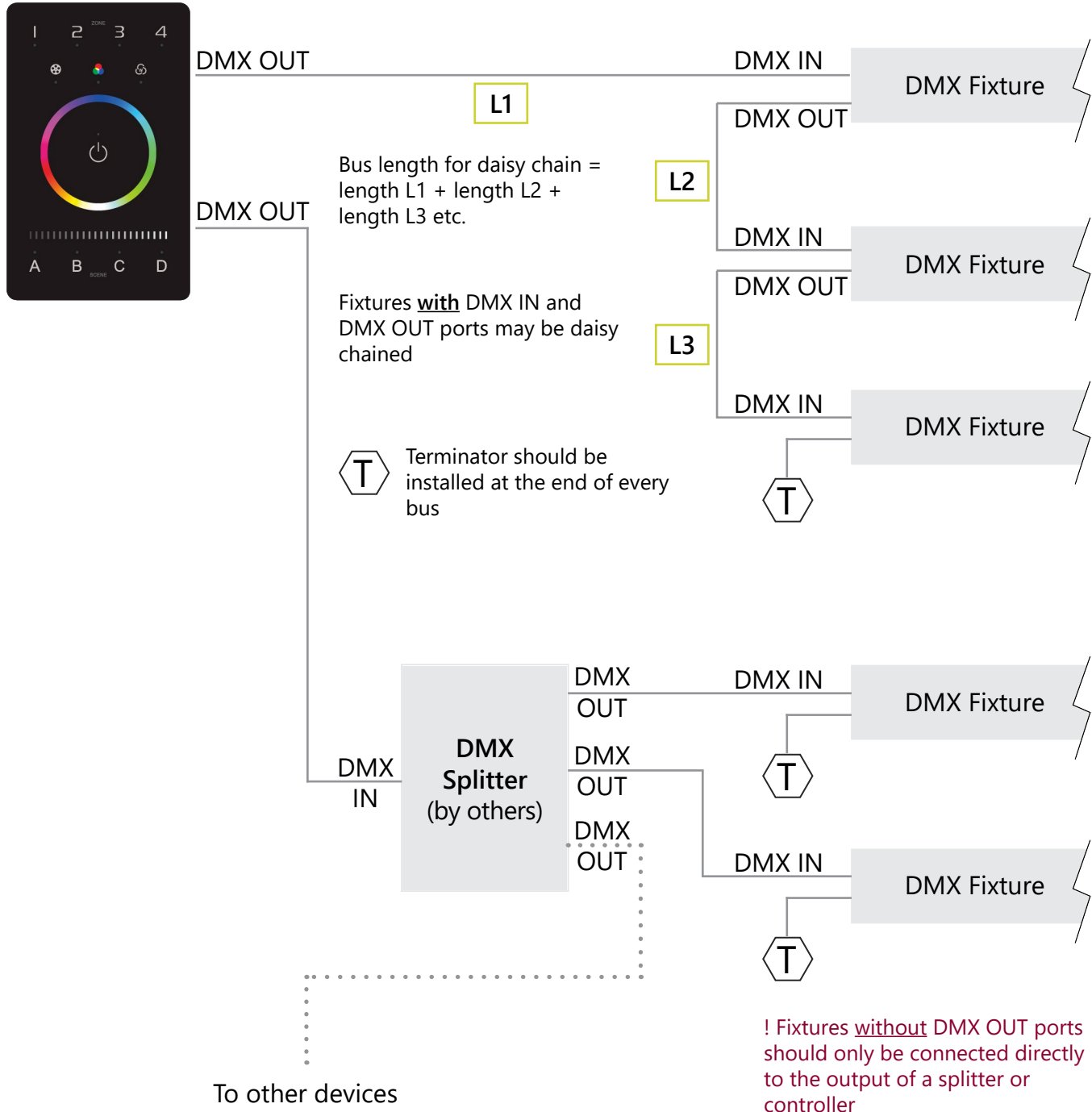
POWER FEED



WIRING THROUGH
BRACKET

STANDARD

DMX INSTALLATION EXAMPLE

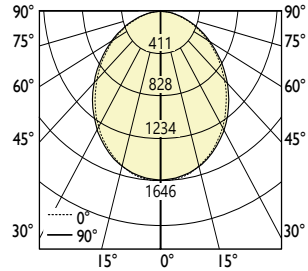


● PHOTOMETRIC DATA - DIRECT

SO - Spotless lens

1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 4000 lm (for 4ft)
Input Watts: 65.41 W
Efficacy: 61 lm/W

IES FILE: EX2xx-1000-90-CTRGBW30-SO-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1646	1646	1646	1646	1646
5	1634	1628	1630	1627	1633
15	1546	1540	1538	1534	1533
25	1383	1377	1372	1361	1360
35	1170	1165	1155	1139	1139
45	932	928	920	902	901
55	691	685	680	661	660
65	453	447	442	427	423
75	225	222	216	204	203
85	45	43	40	33	33
90	3	3	3	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	155
10-20	434
20-30	633
30-40	725
40-50	712
50-60	611
60-70	441
70-80	235
80-90	55
90	

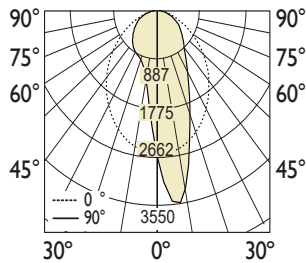
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	37266	36808	36045
55	34040	33539	32522
65	30318	29548	28317
75	24629	23651	22226
85	14481	12871	10860

GZ Graze

1050 lm/ft

PHOTOMETRIC CURVE



Lumen/ft 1050 lm/ft
Total Lumens: 4205 lm (for 4ft)
Input Watts: 65.41 W
Efficacy: 64 lm/W

IES FILE: EX2xx-1050-90-CTRGBW30-GZ-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2979	2979	2979	2979	2979
5	2960	3260	3447	3527	3550
15	2775	3341	2993	2582	2469
25	2389	2694	1955	1580	1503
35	1831	1833	1230	1060	1045
45	1202	1113	828	808	825
55	722	653	568	599	620
65	397	373	353	385	390
75	178	172	171	174	166
85	37	38	39	35	35
90	5	4	3	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	269
10-20	641
20-30	770
30-40	756
40-50	663
50-60	525
60-70	359
70-80	181
80-90	42
90	

LUMINANCE DATA (cd/m²)

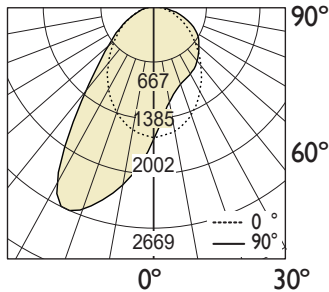
Vertical Angle	Horizontal Angles		
	0	45	90
45	23874	16439	16396
55	17690	13915	15181
65	13180	11741	12964
75	9675	9276	9004
85	5938	6224	5708

i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA - DIRECT

ASO Asymmetric
1000 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 3997 lm (for 4ft)
Input Watts: 65.41 W
Efficacy: 61 lm/W

IES FILE: EX2xx-1000-90-CTRGBW30-ASO-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1648	1648	1648	1648	1648
5	1635	1538	1468	1414	1407
15	1518	1269	1140	1081	1067
25	1291	1006	927	917	924
35	1005	781	773	818	848
45	716	589	630	717	763
55	484	419	477	585	639
65	300	272	314	417	459
75	151	138	161	209	217
85	33	31	34	29	28
90	4	5	5	4	4

ZONAL LUMENS

Zone	Lumens
0	
0-10	156
10-20	457
20-30	724
30-40	816
40-50	706
50-60	541
60-70	366
70-80	186
80-90	44
90	

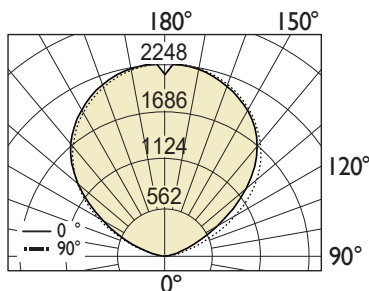
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	14225	12525	15150
55	11854	11681	15643
65	9986	10446	15255
75	8182	8731	11794
85	5244	5548	4589

● PHOTOMETRIC DATA - INDIRECT

CL Clear lens
1450 lm/ft

PHOTOMETRIC CURVE



Lumen/ft 1450 lm/ft
Luminaire Lumens: 5790 lm
Input Watts: 65.41 W
Efficacy: 89 lm/W

IES FILE: EX2WI-1450-90-CTRGBW30-CL-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	7	6	6	5	5
95	54	42	19	15	15
105	273	253	214	157	140
115	697	659	589	499	473
125	1196	1154	1093	1003	976
135	1578	1558	1543	1501	1481
145	1860	1846	1842	1834	1830
155	2062	2052	2047	2037	2034
165	2189	2182	2179	2173	2171
175	2245	2243	2241	2238	2238
180	2115	2115	2115	2115	2115

ZONAL LUMENS

Zone	Lumens
90	
90-100	45
100-110	246
110-120	591
120-130	948
130-140	1139
140-150	1109
150-160	911
160-170	595
170-180	206
180	

i All IES files for other lamping are available for download at: www.axislighting.com