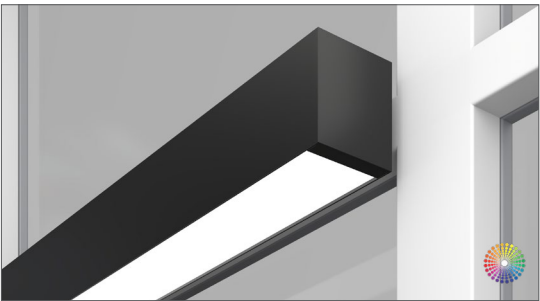




Project

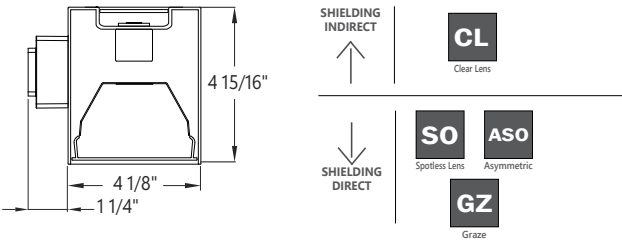
Type

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	88 lm/W	CL
	1100 lm/ft	16.4 W/ft	67 lm/W	SO
	1050 lm/ft	16.4 W/ft	64 lm/W	GZ
	1050 lm/ft	16.4 W/ft	64 lm/W	ASO

*Please consult factory for custom lumen output and wattage.



Ordering Guide

PRODUCT ID	NOM. LUM/FT UP Skip selection for EX4WD	NOM. LUM/FT DOWN Skip selection for EX4WI	CRI	COLOR TEMP.	SHIELDING UP Skip selection for EX4WD	SHIELDING DOWN Skip selection for EX4WI
EX4WDI Extend 4 RGB + W Wall Direct / Indirect	1450	1450 lm/ft	90	90 CRI	CL	SO
EX4WD Extend 4 RGB + W Wall Direct				CTRGBW30	Clear lens	GZ
EX4WI Extend 4 RGB + W Wall Indirect				CTRGBW35		ASO
				CTRGBW40		
						Choose only one of the options.

LENGTH (FT)	FINISH	VOLTAGE	DRIVER	CIRCUITS
4 4' 5 5' 6 6' 7 7' 8 8' 12 12' S(L) System Run	AP aluminum paint W white BLK black C custom	120 120 V 277 277 V UNV universal	CT (DMX) color tuning driver	1 1 circuit +E(#) emergency circuit*
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.		*Specify quantity. Minimum 3ft fixture length.

MOUNTING/SUSPENSION	OTHER (OPTIONAL)	CUSTOM (OPTIONAL)
HMD Horizontal mullion down HMO aHorizontal mullion out * HVMD Horizontal to vertical mullion down VMO Vertical mullion out *	+N natatorium finish	C custom
See more details on page 3. Minimum mullion width 1.5". * Not available with EX4WDI or EX4WI.		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

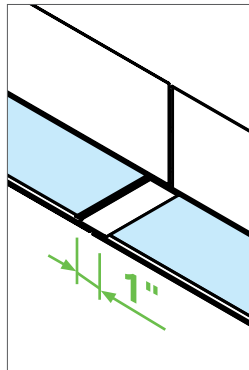


SO Spotless lens;
ASO Asymmetric Spotless lens;
GZ Graze.

Impact modified PMMA lens used for all shielding options.

SYSTEM (S(L))

Lengths of 4'-12' standalone are available. Runs of EXTEND 4 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 4 installation sheets available for download at www.axislighting.com.



WEIGHT

4 ft	13 lbs / 5.9 kg
8 ft	26 lbs / 11.8 kg
12 ft	39 lbs / 17.7 kg

FINISH

Powder coated, custom finishes are available.

OTHER MOUNTING OPTIONS

EXTEND 4 is also available with wall, surface, pendant and recessed mount options.

- i** Specification sheets and installation sheets for all mountings for EXTEND 4 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).

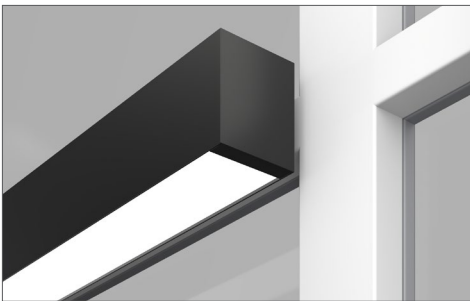
APPROVALS

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

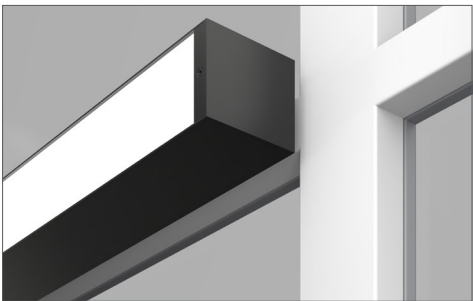
WARRANTY

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

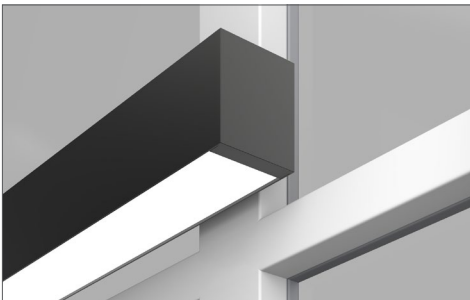


HMD HORIZONTAL MULLION DOWN



HMO HORIZONTAL MULLION OUT *

* Not available with EX4WDI or EX4WI.



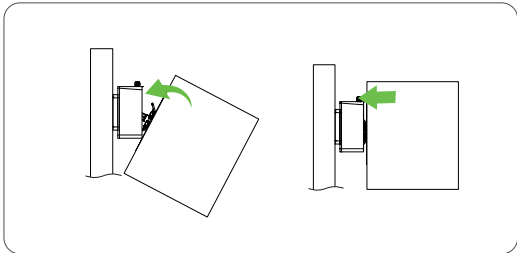
HVMD HORIZONTAL TO VERTICAL MULLION DOWN



VMO VERTICAL MULLION OUT *

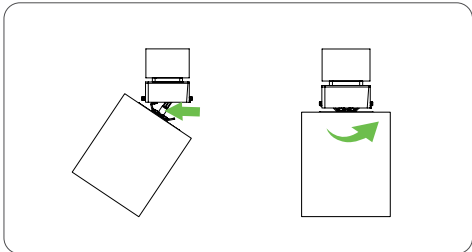
* Not available with EX4WDI or EX4WI.

HORIZONTAL MOUNTING DETAILS



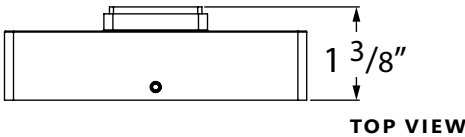
SIDE VIEW

VERTICAL MOUNTING DETAILS

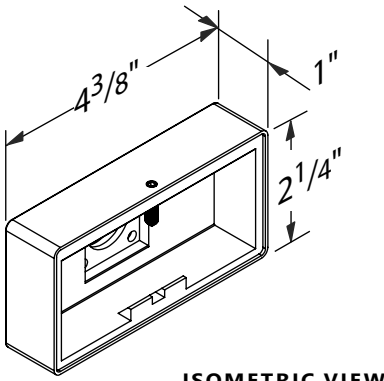


TOP VIEW

MULLION BRACKET DIMENSIONS



TOP VIEW



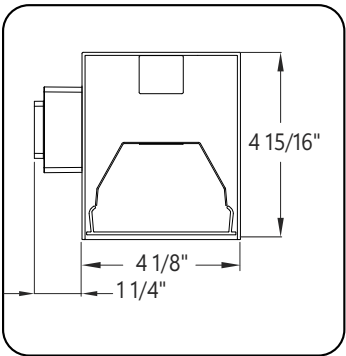
ISOMETRIC VIEW

SECTION VIEWS

- HMD

HORIZONTAL
MULLION DOWN
- HVMD

HORIZONTAL TO VERTICAL
MULLION DOWN

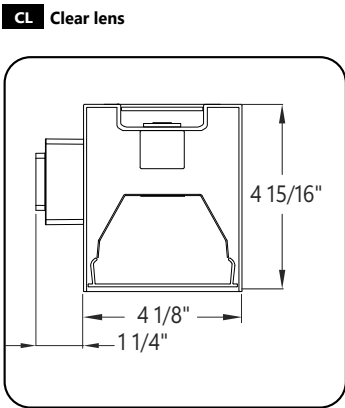


- SO

Spotless lens
- ASO

Asymmetric lens
- GZ

Graze

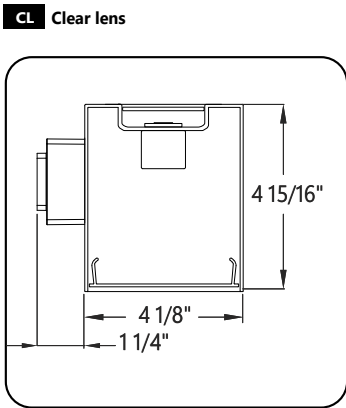


- SO

Spotless lens
- ASO

Asymmetric lens
- GZ

Graze

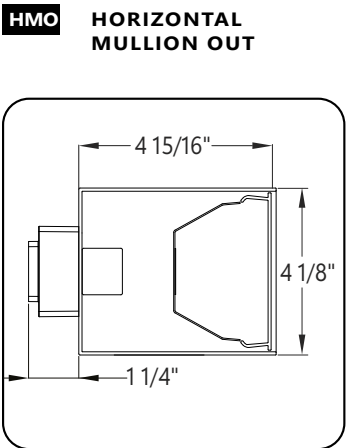


- SO

Spotless lens
- ASO

Asymmetric lens
- GZ

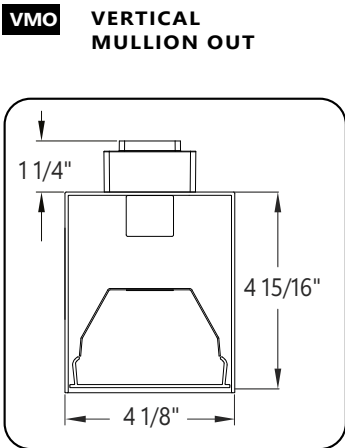
Graze



- SO

Spotless lens
- ASO

Asymmetric lens



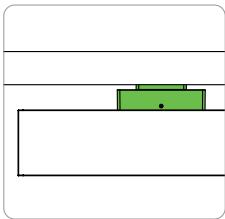
- SO

Spotless lens
- ASO

Asymmetric lens
- GZ

Graze

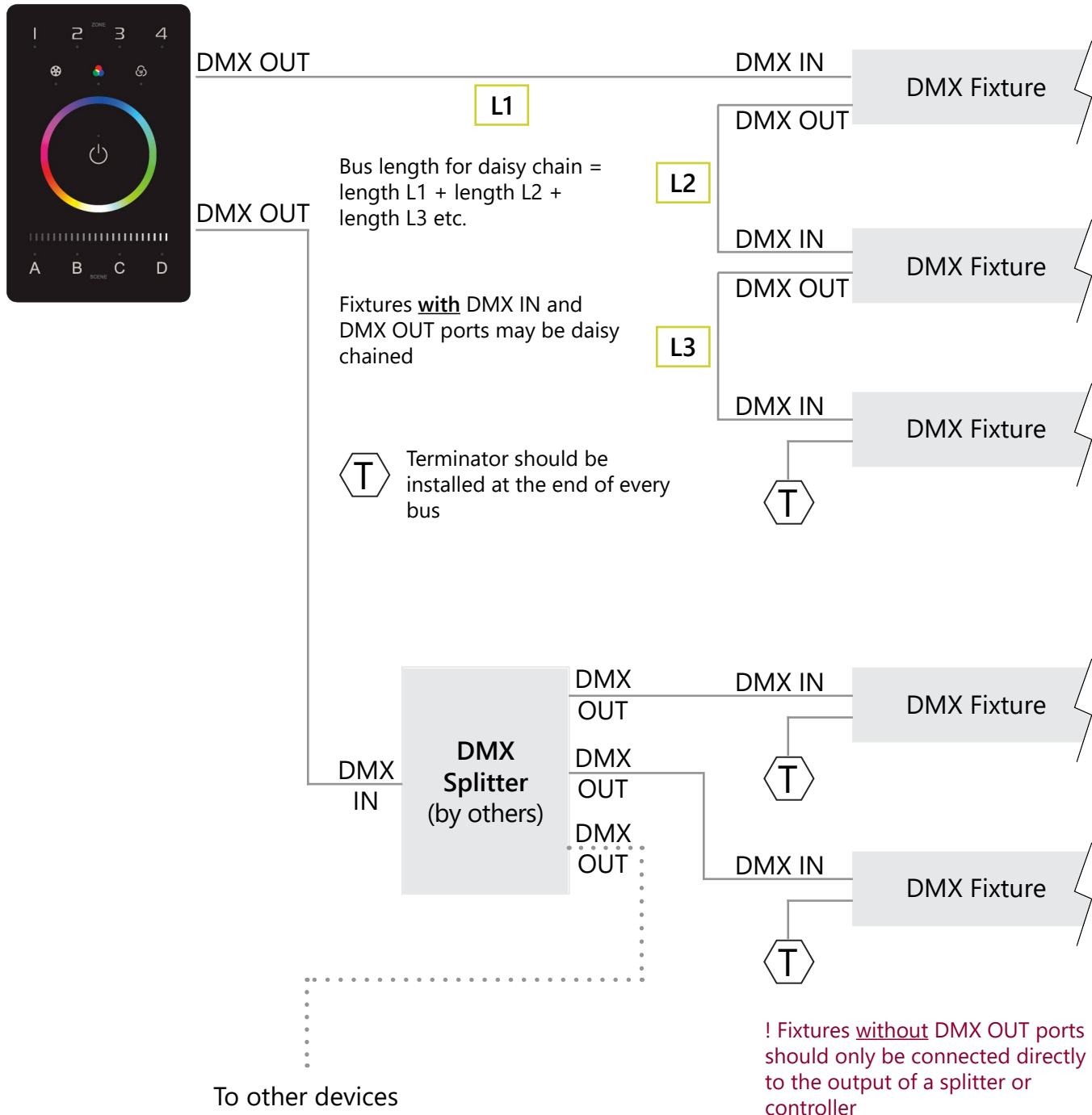
POWER FEED



WIRING THROUGH
BRACKET

STANDARD

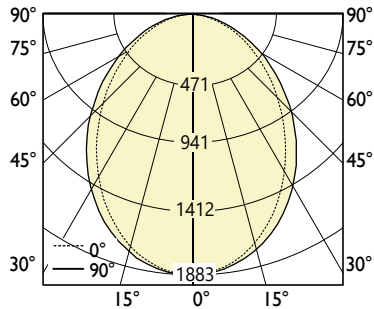
DMX INSTALLATION EXAMPLE



● PHOTOMETRIC DATA - DIRECT

SO Spotless lens
1100 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 1100 lm/ft
Total Lumens: 4401 lm (for 4ft)
Input Watts: 65.41 W
Efficacy: 67 lm/W

IES FILE: EX4xx-1100-90-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	1883	1883	1883	1883	1883
5	1871	1869	1869	1867	1869
15	1772	1767	1760	1747	1746
25	1587	1576	1557	1529	1524
35	1339	1323	1294	1258	1248
45	1057	1041	1012	974	963
55	772	758	737	705	695
65	501	493	478	453	447
75	248	244	238	222	221
85	49	51	52	47	48
90	4	4	4	4	3

ZONAL LUMENS

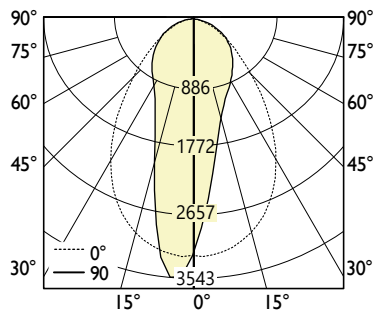
Zone	Lumens
0	
0-10	177
10-20	495
20-30	715
30-40	808
40-50	778
50-60	654
60-70	467
70-80	247
80-90	59
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	12760	12210	11626
55	11483	10968	10347
65	10116	9661	9018
75	8187	7862	7272
85	4783	5102	4680

GZ Graze lens
1050 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 1050 lm/ft
Total Lumens: 4206 lm (for 4ft)
Input Watts: 65.41 W
Efficacy: 64 lm/W

IES FILE: EX4xx-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	3215	3215	3215	3215	3215
5	3214	2919	2686	2497	2457
15	3021	2228	1746	1516	1462
25	2584	1619	1238	1133	1115
35	1923	1169	962	934	932
45	1205	828	747	754	771
55	697	547	541	585	616
65	381	334	347	403	434
75	170	161	174	207	223
85	34	36	41	39	39
90	5	6	5	5	4

ZONAL LUMENS

Zone	Lumens
0	
0-10	283
10-20	638
20-30	747
30-40	745
40-50	662
50-60	528
60-70	366
70-80	191
80-90	45
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	14349	8896	9187
55	10238	7944	9037
65	7591	6913	8655
75	5547	5666	7271
85	3258	4006	3750

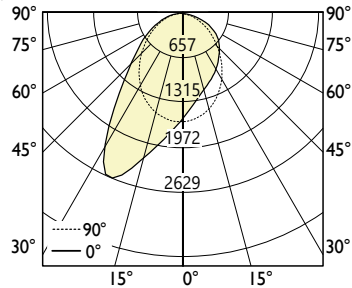
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA - DIRECT

ASO Asymmetric lens

1050 lm/ft

PHOTOMETRIC CURVE



Lumen/ft: 1050 lm/ft
 Total Lumens: 4198 lm (for 4ft)
 Input Watts: 65.41 W
 Efficacy: 64 lm/W
 IES FILE: EX4xx-1050-90-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	1657	1657	1657	1657	1657
5	1648	1576	1528	1487	1481
15	1549	1366	1265	1210	1198
25	1355	1127	1049	1032	1036
35	1098	897	871	900	921
45	816	680	699	761	801
55	561	484	522	617	675
65	346	310	347	448	500
75	168	154	179	237	264
85	33	34	42	46	48
90	4	5	6	7	6

ZONAL LUMENS

Zone	Lumens
0	
0-10	158
10-20	471
20-30	741
30-40	828
40-50	744
50-60	590
60-70	407
70-80	210
80-90	49
90	

LUMINANCE DATA (cd/m²)

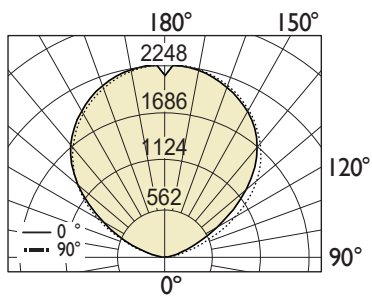
Vertical Angle	Horizontal Angles		
	0	45	90
45	9721	8327	9541
55	8234	7657	9912
65	6901	6916	9966
75	5464	5818	8595
85	3165	4081	4663

● 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: EX4WI-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 are available for download at: www.axislighting.com