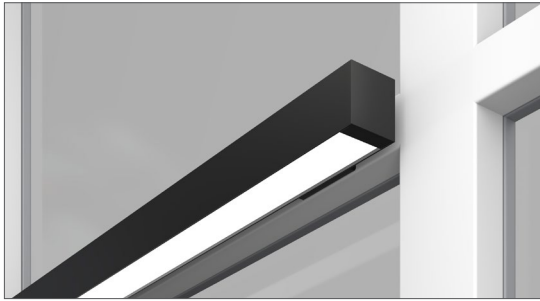
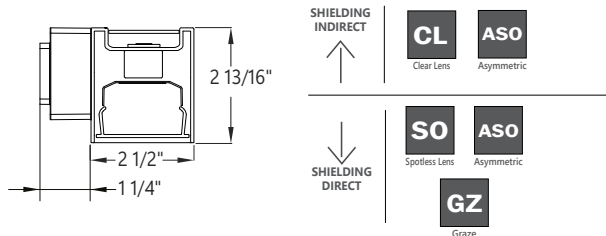




Project _____

Type _____

Notes _____



PERFORMANCE PER LINEAR FOOT AT 3500K, 80 CRI

NOMINAL LUMEN OUTPUT UP	NOMINAL LUMEN OUTPUT DOWN	INPUT WATTS*	EFFICACY	SHIELDING
1200 lm/ft		8.5 W/ft	140 lm/W	CL
1200 lm/ft		9.1 W/ft	132 lm/W	ASO
	1000 lm/ft	9.8 W/ft	101 lm/W	SO
	750 lm/ft	7.2 W/ft	103 lm/W	GZ
	750 lm/ft	7.4 W/ft	101 lm/W	ASO

*Please consult factory for custom lumen output and wattage.



Ordering Guide

PRODUCT ID	NOM. LUM/FT UP Skip selection for EX2WD	NOM. LUM/FT DOWN Skip selection for EX2WI	CRI	COLOR TEMP. (choose one)	SHIELDING UP Skip selection for EX2WD	SHIELDING DOWN Skip selection for EX2WI
EX2WDI Extend 2 Wall Direct / Indirect	300 300 lm/ft - min 1400 1400 lm/ft - max	300 300 lm/ft - min 750 750 lm/ft - max for GZ, WW, ASO* 1000 1000 lm/ft - max	80 80 CRI 90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K 50 5000 K	CL Clear lens ASO Asymmetric	SO spotless lens GZ Graze ASO Asymmetric
EX2WD Extend 2 Wall Direct						
EX2WI Extend 2 Wall Indirect						
Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.		Outputs between listed min and max are available. * 750 lm/ft max. only for GZ, WW and ASO. Consult factory for outputs outside of the listed range.				

LENGTH (FT)	FINISH	VOLTAGE	DRIVER	CIRCUITS
2 2' *	AP aluminum paint	120 120 V	DP dimming (0-10V) 1% temp. range -22°F - +104°F (-30°C - +40°C)	1 1 circuit
3 3'	W white	277 277 V	DPX dimming (0-10V) 1%, extended temp. range -40°F - +122°F (-40°C - +50°C)**	2 2 circuits
4 4'	BLK black	347 347 V* **	LT(#) Lutron* **	+E(#) emergency circuit*
5 5'	C custom	UNV universal	BI bi-level dimming**	+NL(#) night light circuit*
6 6'			O(#) other* **	+GTD(#) generator transfer device* **
7 7'				
8 8'				
S(L) System Run				
Lengths are nominal. Exact lengths can be specified, please consult factory. * Not available with EX2WDI.		*Remote surge protection device only. ** Not available with EX2WDI.	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. * Please consult factory; see page 2. **Remote only with EX2WDI.	*Specify quantity. Minimum 3ft fixture length. ** 120V and 277V only. Please specify.

MOUNTING	BATTERY (OPTIONAL)	OTHER (OPT.)	CUSTOM (OPT.)
HMD Horizontal mullion down HMO Horizontal mullion out * HVMD Horizontal to vertical mullion down VMO Vertical mullion out *	B(#) battery pack (integral)* *** BR(#) battery pack (remote)**	+EF end feed* +TF top feed** *** +N natatorium finish	C custom
See more details on page 3. Minimum mullion width 1.5" *Not available with EX2WDI or EX2WI.	*Minimum 3ft. **Dry or damp location. Please consult factory. ***Not available with EX2WDI.	Back Feed standard * See page 4 for more details. **Only for HMD and HVMD mounts. ***Not available with EX2WDI or EX2WI.	Please specify

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

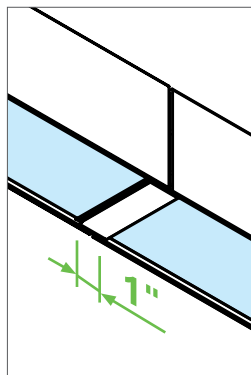


SO Spotless lens;
ASO Asymmetric Spotless lens;
GZ Graze.

Impact modified PMMA lens used for all shielding options.

SYSTEM (S(L))

Lengths of 2'-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

DP	0-10V dimming driver. Ambient operating temperature -22°F - 104°F (-30°C - +40°C)
DPX	0-10V dimming driver with extended temperature range -40°F - 122°F (-40°C - +50°C)
Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black (min ambient operating temperature - 32°F (0°C).
Other drivers	DALI* - Digital Addressable Lighting Interface DMX* - Digital Multiplex Xitanium SR* - For wireless sensor

* Ambient operating range: -4°F - 104°F (-20°C - +40°C)

Emergency	B(#) Integral Emergency Battery pack, 3ft minimum. Ambient operating temperature -4°F - 122°F (-20° to 50°C) for 120V to 277V; 32°F - 122°F (0°C to 50°C) for 347V BR(#) Remote emergency battery pack operating temperature range -4°F - 122°F (-20°C - +50°C) for 120V to 277V; 32°F - 122°F (0°C - +50°C) for 347V.
Input Voltage	120V, 277V, 347V, UNV.

Surge Protection Extend comes standard with surge protection device.

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

LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT Single Color	Choice of 2700K, 3000K, 3500K, 4000K and 5000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
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).

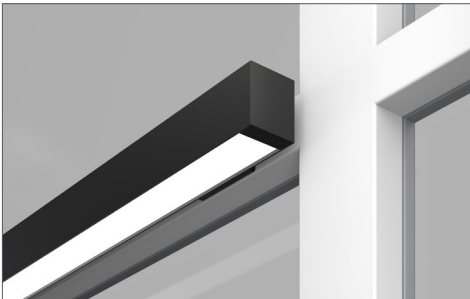
APPROVALS

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

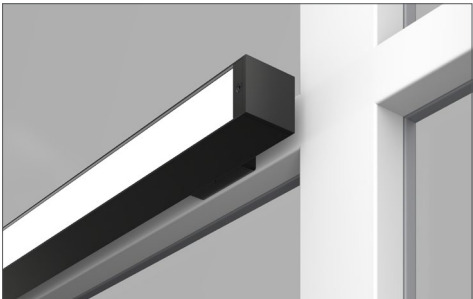
WARRANTY

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

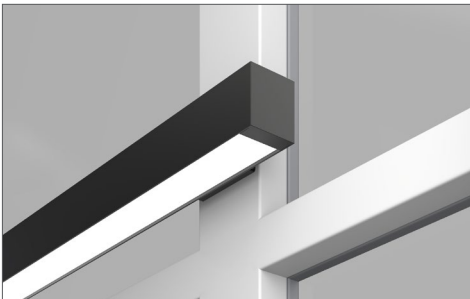


HMD HORIZONTAL MULLION DOWN



HMO HORIZONTAL MULLION OUT *

* Not available with EX2WDI or EX2WLI.



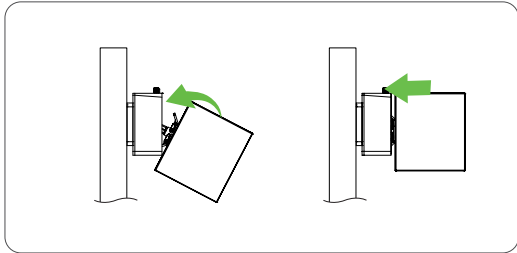
HVMD HORIZONTAL TO VERTICAL MULLION DOWN



VMO VERTICAL MULLION OUT*

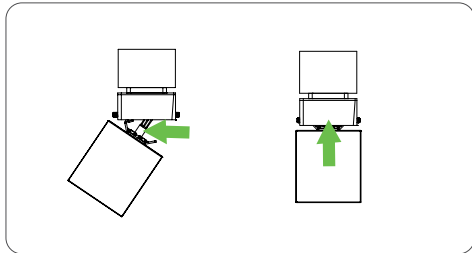
* Not available with EX2WDI or EX2WLI.

HORIZONTAL MOUNTING DETAILS



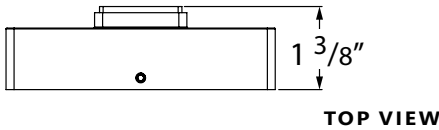
SIDE VIEW

VERTICAL MOUNTING DETAILS

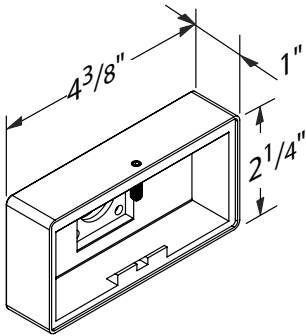


TOP VIEW

MULLION BRACKET DIMENSIONS



TOP VIEW



ISOMETRIC VIEW

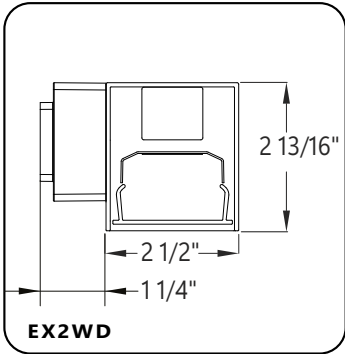
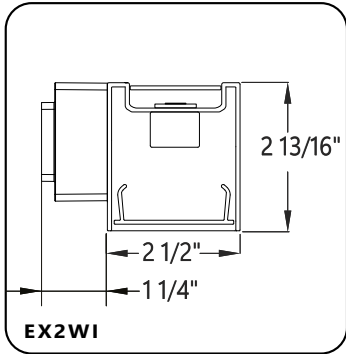
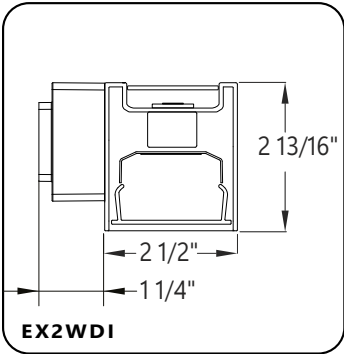
SECTION VIEWS

HMD HORIZONTAL
MULLION DOWN

HVMD HORIZONTAL TO VERTICAL
MULLION DOWN

CL Clear lens
ASO Asymmetric lens

CL Clear lens
ASO Asymmetric lens

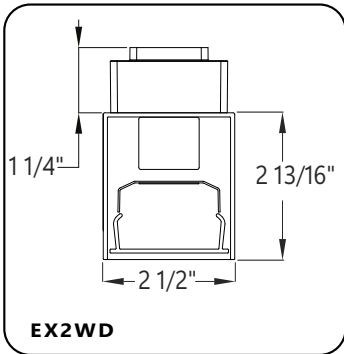
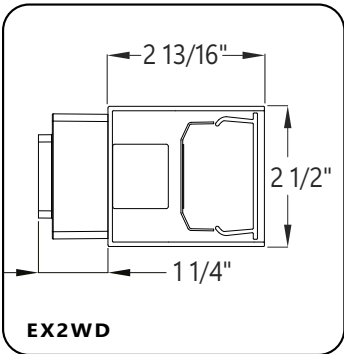


SO Spotless lens
ASO Asymmetric lens
GZ Graze

SO Spotless lens
ASO Asymmetric lens
GZ Graze

HMO HORIZONTAL
MULLION OUT

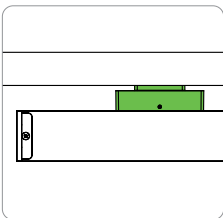
VMO VERTICAL
MULLION OUT



SO Spotless lens
ASO Asymmetric lens

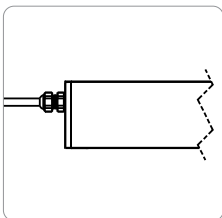
SO Spotless lens
ASO Asymmetric lens
GZ Graze

POWER FEED



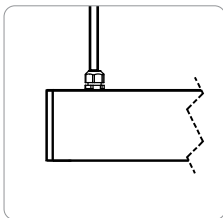
**WIRING THROUGH
BRACKET**

STANDARD



EF END FEED

OPTIONAL



TF TOP FEED *

OPTIONAL

*Not available with EX2WDI or EX2WI

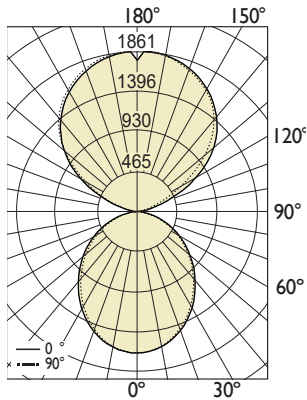
● PHOTOMETRIC DATA - DIRECT / INDIRECT

CL Clear lens - Up
SO spotless lens - Down

Uplight
1200 lm/ft
Downlight
1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: **1200 lm/ft**
Lumen/ft down: **1000 lm/ft**
Total Lumens: **8775 lm (for 4ft)**
Input Watts: **73.4 W**
Efficacy: **120 lm/W**

IES FILE: EX2WDI-1200-1000-80-35-CL-SO-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1639	1639	1639	1639	1639
5	1626	1621	1622	1620	1626
15	1539	1533	1532	1527	1526
25	1377	1370	1366	1355	1354
35	1165	1159	1150	1134	1134
45	928	923	916	898	897
55	687	682	677	658	657
65	451	445	440	425	421
75	224	221	216	203	203
85	44	43	39	33	33
90	9	8	8	7	7
95	44	35	15	13	12
105	226	210	177	130	116
115	577	545	487	413	391
125	990	955	905	830	807
135	1306	1289	1277	1242	1226
145	1539	1528	1524	1517	1515
155	1706	1698	1694	1686	1683
165	1811	1806	1803	1798	1796
175	1858	1856	1854	1852	1852
180	1751	1751	1751	1751	1751

ZONAL LUMENS

Zone	Lumens
0	
0-10	154
10-20	432
20-30	630
30-40	722
40-50	709
50-60	608
60-70	439
70-80	233
80-90	55
90	
90-100	38
100-110	204
110-120	489
120-130	784
130-140	943
140-150	918
150-160	754
160-170	492
170-180	171
180	

LUMINANCE DATA (cd/m²)

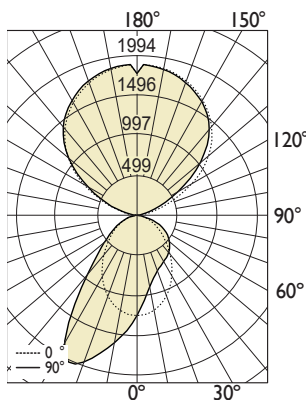
Vertical Angle	Horizontal Angles		
	0	45	90
45	19562	19321	18921
55	17868	17605	17071
65	15914	15511	14864
75	12928	12415	11667
85	7601	6756	5701

CL Clear lens - Up
ASO Asymmetric lens - Down

Uplight
1200 lm/ft
Downlight
1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: **1200 lm/ft**
Lumen/ft down: **1000 lm/ft**
Total Lumens: **7779 lm (for 4ft)**
Input Watts: **63.5 W**
Efficacy: **123 lm/W**

IES FILE: EX2WDI-1200-1000-80-35-CL-ASO-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1232	1232	1232	1232	1232
5	1222	1149	1097	1057	1052
15	1134	948	852	807	797
25	965	752	693	686	690
35	751	584	578	611	634
45	535	440	471	535	570
55	362	313	356	437	477
65	224	203	235	312	343
75	113	103	120	156	162
85	24	23	26	22	21
90	8	8	8	8	7
95	44	35	15	13	12
105	226	210	177	130	116
115	577	545	487	413	391
125	990	955	905	830	807
135	1306	1289	1277	1242	1226
145	1539	1528	1524	1517	1515
155	1706	1698	1694	1686	1683
165	1811	1806	1803	1798	1796
175	1858	1856	1854	1852	1852
180	1751	1751	1751	1751	1751

ZONAL LUMENS

Zone	Lumens
0	
0-10	117
10-20	342
20-30	541
30-40	610
40-50	527
50-60	404
60-70	274
70-80	139
80-90	33
90	
90-100	38
100-110	204
110-120	489
120-130	784
130-140	943
140-150	918
150-160	754
160-170	492
170-180	171
180	

LUMINANCE DATA (cd/m²)

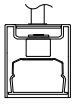
Vertical Angle	Horizontal Angles		
	0	45	90
45	11282	9934	12016
55	9401	9264	12407
65	7920	8285	12099
75	6489	6924	9354
85	4159	4400	3640

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

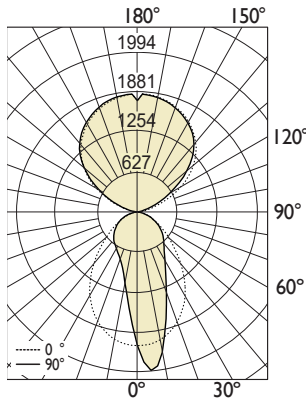
● PHOTOMETRIC DATA - DIRECT / INDIRECT

CL Clear lens - **Up**
GZ Graze lens - **Down**

Uplight
1200 lm/ft
Downlight
1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft up: 1200 lm/ft
Lumen/ft down: 1000 lm/ft
Total Lumens: 7764 lm (for 4ft)
Input Watts: 62.7 W
Efficacy: 124 lm/W

IES FILE: EX2WDI-1200-1000-80-35-CL-GZ-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2105	2105	2105	2105	2105
5	2092	2304	2435	2492	2508
15	1961	2361	2115	1824	1745
25	1688	1903	1381	1116	1062
35	1294	1295	869	749	738
45	849	786	585	571	583
55	510	462	401	424	438
65	280	263	250	272	276
75	126	122	121	123	117
85	26	27	27	25	25
90	9	8	7	7	6
95	44	35	15	13	12
105	226	210	177	130	116
115	577	545	487	413	391
125	990	955	905	830	807
135	1306	1289	1277	1242	1226
145	1539	1528	1524	1517	1515
155	1706	1698	1694	1686	1683
165	1811	1806	1803	1798	1796
175	1858	1856	1854	1852	1852
180	1751	1751	1751	1751	1751

ZONAL LUMENS

Zone	Lumens
0	
0-10	190
10-20	453
20-30	544
30-40	534
40-50	468
50-60	371
60-70	254
70-80	128
80-90	30
90	
90-100	38
100-110	204
110-120	489
120-130	784
130-140	943
140-150	918
150-160	754
160-170	492
170-180	171
180	

LUMINANCE DATA (cd/m²)

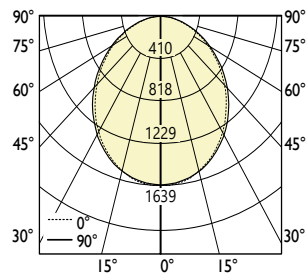
Vertical Angle	Horizontal Angles		
	0	45	90
45	17904	12328	12296
55	13266	10435	11385
65	9884	8805	9722
75	7255	6956	6752
85	4453	4668	4280

● PHOTOMETRIC DATA - DIRECT

SO - Spotless lens
1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 3982 lm (for 4ft)
Input Watts: 39.5 W
Efficacy: 101 lm/W

IES FILE: EX2WD-1000-80-35-SO-4.IES

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1639	1639	1639	1639	1639
5	1626	1621	1622	1620	1626
15	1539	1533	1532	1527	1526
25	1377	1370	1366	1355	1354
35	1165	1159	1150	1134	1134
45	928	923	916	898	897
55	687	682	677	658	657
65	451	445	440	425	421
75	224	221	216	203	203
85	44	43	39	33	33
90	3	3	3	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	154
10-20	432
20-30	630
30-40	722
40-50	709
50-60	608
60-70	439
70-80	233
80-90	54
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	37100	36644	35884
55	33888	33389	32377
65	30182	29417	28191
75	24519	23546	22127
85	14416	12814	10812

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

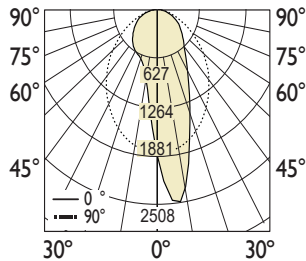
● PHOTOMETRIC DATA - DIRECT

GZ Graze

750 lm/ft



PHOTOMETRIC CURVE



Lumen/ft 750 lm/ft
Total Lumens: 2971 lm (for 4ft)
Input Watts: 28.8 W
Efficacy: 103 lm/W
 IES FILE: EX2WD-750-80-35-GZ-4.IES
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2105	2105	2105	2105	2105
5	2092	2304	2435	2492	2508
15	1961	2361	2115	1824	1745
25	1688	1903	1381	1116	1062
35	1294	1295	869	749	738
45	849	786	585	571	583
55	510	462	401	424	438
65	280	263	250	272	276
75	126	122	121	123	117
85	26	27	27	25	25
90	3	3	2	2	2

ZONAL LUMENS

Zone	Lumens
0	
0-10	190
10-20	453
20-30	544
30-40	534
40-50	468
50-60	371
60-70	254
70-80	128
80-90	30
90	

LUMINANCE DATA (cd/m²)

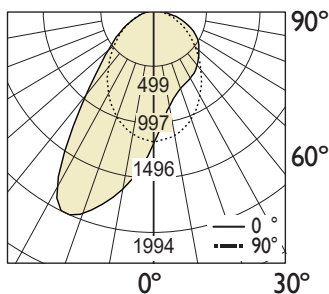
Vertical Angle	Horizontal Angles		
	0	45	90
45	16868	11615	11585
55	12499	9831	10726
65	9313	8296	9160
75	6836	6554	6362
85	4196	4398	4033

ASO Asymmetric

750 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 750 lm/ft
Total Lumens: 2987 lm (for 4ft)
Input Watts: 29.6 W
Efficacy: 101 lm/W
 IES FILE: EX2WD-750-80-35-ASO-4.IES
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1232	1232	1232	1232	1232
5	1222	1149	1097	1057	1052
15	1134	948	852	807	797
25	965	752	693	686	690
35	751	584	578	611	634
45	535	440	471	535	570
55	362	313	356	437	477
65	224	203	235	312	343
75	113	103	120	156	162
85	24	23	26	22	21
90	3	4	4	3	3

ZONAL LUMENS

Zone	Lumens
0	
0-10	117
10-20	342
20-30	541
30-40	610
40-50	527
50-60	404
60-70	274
70-80	139
80-90	33
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10630	9359	11321
55	8858	8728	11689
65	7462	7806	11399
75	6114	6524	8813
85	3919	4146	3429

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

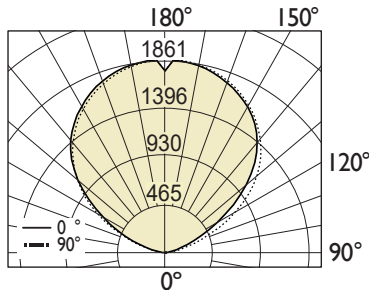
● PHOTOMETRIC DATA - INDIRECT

CL Clear lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft 1200 lm/ft
Luminaire Lumens: 4791 lm
Input Watts: 33.9 W
Efficacy: 141 lm/W

IES FILE: EX2WI-1200-80-35-CL-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	5	5	5	4	4
95	44	35	15	13	12
105	226	210	177	130	116
115	577	545	487	413	391
125	990	955	905	830	807
135	1306	1289	1277	1242	1226
145	1539	1528	1524	1517	1515
155	1706	1698	1694	1686	1683
165	1811	1806	1803	1798	1796
175	1858	1856	1854	1852	1852
180	1751	1751	1751	1751	1751

ZONAL LUMENS

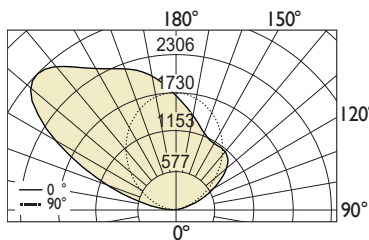
Zone	Lumens
90	
90-100	38
100-110	204
110-120	489
120-130	784
130-140	943
140-150	918
150-160	754
160-170	492
170-180	171
180	

ASO Asymmetric lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft 1200 lm/ft
Luminaire Lumens: 4795 lm
Input Watts: 36.2 W
Efficacy: 132 lm/W

IES FILE: EX2WI-1200-80-35-ASO-4.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	5	5	7	8	8
95	41	43	47	40	39
105	169	180	206	207	211
115	357	377	433	456	466
125	578	573	659	714	736
135	806	737	797	880	914
145	1020	892	875	912	933
155	1200	1058	991	964	960
165	1331	1218	1150	1107	1096
175	1395	1350	1316	1292	1287
180	1397	1397	1397	1397	1397

ZONAL LUMENS

Zone	Lumens
90	
90-100	78
100-110	324
110-120	654
120-130	903
130-140	925
140-150	786
150-160	604
160-170	387
170-180	133
180	

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