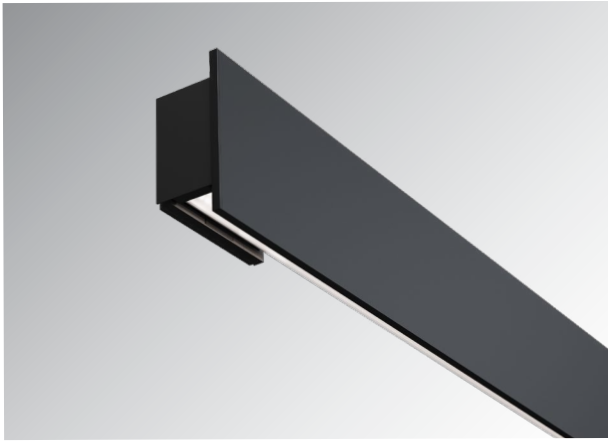




Flat Centered valence shown

Curved valence shown

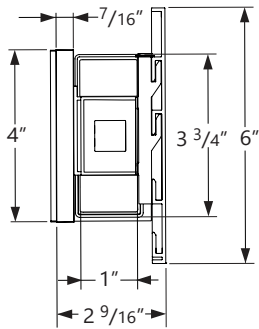
Project _____

Type _____

Notes _____



SECTION VIEW



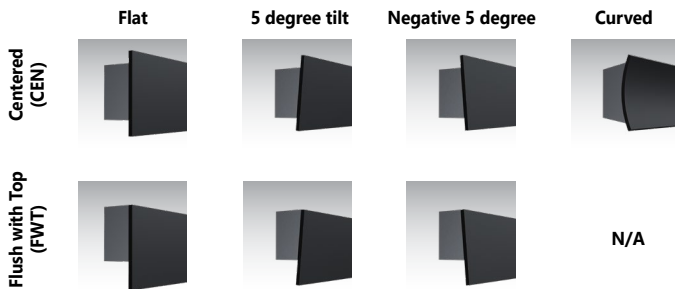
PERFORMANCE PER LINEAR FOOT AT 3500K

	NOMINAL LUMEN OUTPUT INDIRECT	NOMINAL LUMEN OUTPUT DIRECT	INPUT WATTS*	EFFICACY
CL	1200 lm/ft		9.17 W/ft	131 lm/W
SO			13.12 W/ft	92 lm/W
ASO			10.48 W/ft	114 lm/W
GZ			10.66 W/ft	113 lm/W
CL		1200 lm/ft	9.17 W/ft	131 lm/W
SO			13.12 W/ft	92 lm/W
ASO			10.48 W/ft	114 lm/W
GZ			10.66 W/ft	113 lm/W
MikroLite			10.43 W/ft	115 lm/W

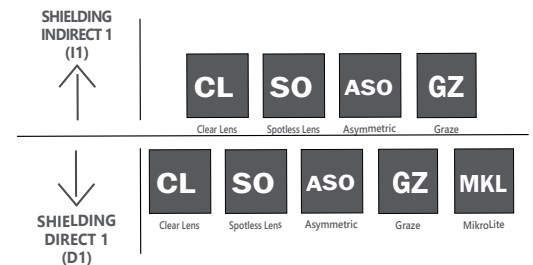
* Based on a 4 foot luminaire .

Please consult factory for custom lumen output and wattage.

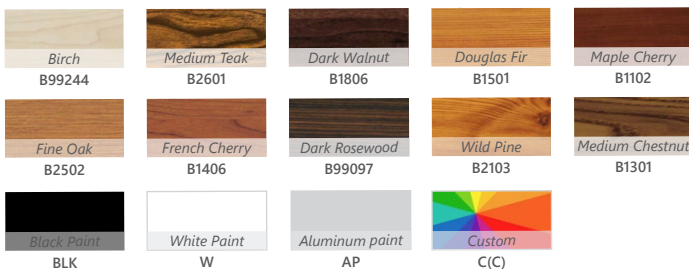
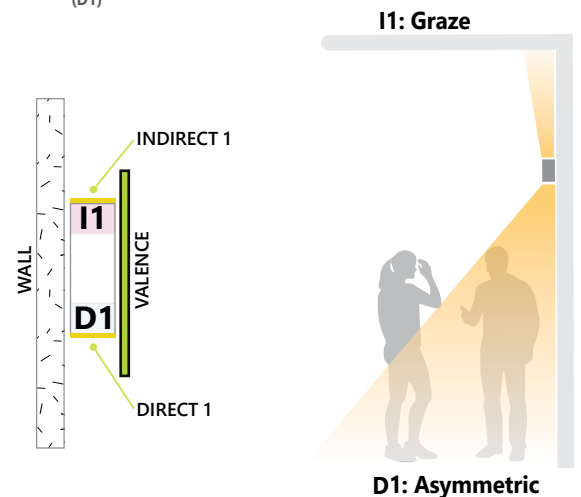
VALANCE SHAPE



OPTICS



VALANCE FINISH



Project

Type

Notes

Ordering Guide

PRODUCT ID		LENGTH		SHIELDING INDIRECT 1		NOM. LUMENS/FT INDIRECT 1		SHIELDING DIRECT 1		NOM. LUMENS/FT DIRECT 1	
PVS	Polyvalence shallow	1	1' min	CL	clear lens	300	300 lm/ft min	CL	clear lens	300	300 lm/ft min
		8	8' max	SO	spotless lens	1200	1200 lm/ft max	SO	spotless lens	1200	1200 lm/ft max
		S(L)	system run*	GZ	graze			GZ	graze		
				ASO	asymmetric			ASO	asymmetric		
				BL	blank	NA	not applicable	MKL(Config., Baffle Type, Cell Optics, Beam Angle, Lumen Output, Baffle Finish)	Mikrolite*	NA	see code builder
								BL	blank	NA	not applicable
		Available in 1" increments. 2' min length required for integral driver. *Optional gap filler provided.		Single shielding only.				Single shielding only. *See Ordering Code builder table below for ordering options. Lumen output varies with the beam angle, please refer to IES detail for more information.			

CRI		COLOR TEMP.	FIXTURE FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING
90	high efficacy 90 CRI	27 2700 K	W white	120 120 V	DP driver 0-10V dimming (1%)	1 1 circuit	W wall
		30 3000 K	AP aluminum paint	277 277 V	DALI2 driver DALI 2.0 - wired	2 2 circuits*	HMD horizontal mullion down
		35 3500 K	BLK black	UNV universal (120-277V)	TW(#) tunable white drivers*	+E(#) emergency circuit* **	
		40 4000 K	C custom			+NL(#) night light circuit* **	
		50 5000 K					
		TW2750 2700-5000 K - Tunable White					
		TW2765 2700-6500 K - Tunable White					
			See page 3 for available wood finishes.		*See page 3 to specify driver.	* 3ft minimum length required for integral driver. ** Specify quantity	

BATTERY (OPT.)	VALANCE FINISH				VALANCE SHAPE	VALANCE POSITION	VALANCE END OVERHANG	CUSTOM (OPT.)
BR(#) battery pack (remote)	W white AP aluminum paint BLK black C custom B99244 Birch B2502 Fine Oak B1501 Douglas Fur	B2103 Wild Pine B2601 Medium Teak B1406 French Cherry B1102 Maple Cherry B1301 Medium Chestnut B1806 Dark Walnut B99097 Dark Rosewood			FLT flat 5DEG 5 degree flat N5DEG negative 5 degree flat CURV curved	CEN centered FWT flush with top*	FL flush 1 1 inch 6 6 inches 12 12 inches 24 24 inches C(L, R) custom (length left, length right) up to 2ft on both sides, please specify. Ex.: C(1', 6")	C custom
						*Not available with CURV curved valance shape	Will be added to overall fixture length.	

*Ordering Code Builder - MikroLite

MikroLite - MKL(Config, Total Length, Baffle Type, Cell Optics, Beam Angle, Lumen Output, Baffle Finish)								
CONFIGURATION		TOTAL LENGTH	BAFFLE TYPE	CELL OPTICS		BEAM ANGLE	LUMEN OUTPUT	BAFFLE FINISH
A staggered look B centered look C custom look (requires a drawing)	FL full legth	LF lofted baffle CN conic baffle	SF soft beam	SR sharp beam	D24 24 deg D50 50 deg	200 200 lm/module min	MB matte black MW matte white MS matte silver MRG matte rose gold CG chrome gold CB chrome black CRG chrome rose gold CS chrome silver CL crystal	
			SFHC soft beam & honeycomb	1200 1200 lm/module max				
Mikrolite length available in 9.4" increments, blanks will be incorporated to accomodate Mikrolite module length limits.						For lumen outputs outside of range, please consult factory. See performance on page 4.		
Up to 1000 lm/module.								

CONSTRUCTION

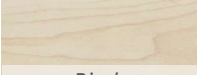
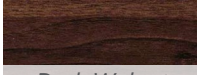
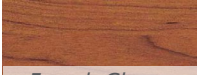
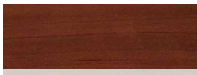
Housing	Extruded aluminum (0.080" nominal)
End Cap	Die cast aluminum
Lenses	PMMA Impact Modified
Lense Gasket	TPU
Valence	Extruded aluminum
Gasket	Injection molded silicone
Side Cover Plate	Sheet metal 18 gauge CRS
Exterior fasteners	Tamper proof TORX T20

FINISH

Powder coated and custom finishes are also available.

WOOD FINISHES

Add style to the space with classic wood finish luminaires that use advanced sublimation technology to produce a durable and elegant wood grain finish. Please contact your Axis representative for more information including pricing and lead time.

		
<i>Birch</i>	<i>Medium Teak</i>	<i>Dark Walnut</i>
B99244	B2601	B1806
		
<i>Fine Oak</i>	<i>French Cherry</i>	<i>Dark Rosewood</i>
B2502	B1406	B99097
		
<i>Douglas Fir</i>	<i>Maple Cherry</i>	
B1501	B1102	
		
<i>Wild Pine</i>	<i>Medium Chestnut</i>	
B2103	B1301	

WEIGHT

Polyvalence 4ft Single control - 10.7lbs (4.9 kg)
Polyvalence 4ft Double control - 12.8lbs (5.8 kg)

APPROVALS

Certified 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.

ELECTRICAL

DP	0-10V dimming driver. Ambient operating temperature -22°F - 104°F (-30°C - +40°C)
DALI2 driver	DALI 2.0 D4i certified driver. Ambient operating temperature -22°F - 104°F (-30°C - +40°C).
Tunable White TW drivers* **	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address) DPTW - two channel 0-10V dimming; one channel for brightness, one channel for CCT. LDTW - Lutron DALI Type 8 (One DALI address) Tunable White series * Ambient operating range: -4°F - 104°F (-20°C - +40°C) **Remote only
Emergency	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.

	1 FT	2 FT	3 FT	4 FT	5-8 FT
Shallow - Single Control (1 driver)	Remote drivers only	✓	✓	✓	✓
Shallow - Double Control (2 drivers)	Remote drivers only	Remote drivers only	✓	✓	✓

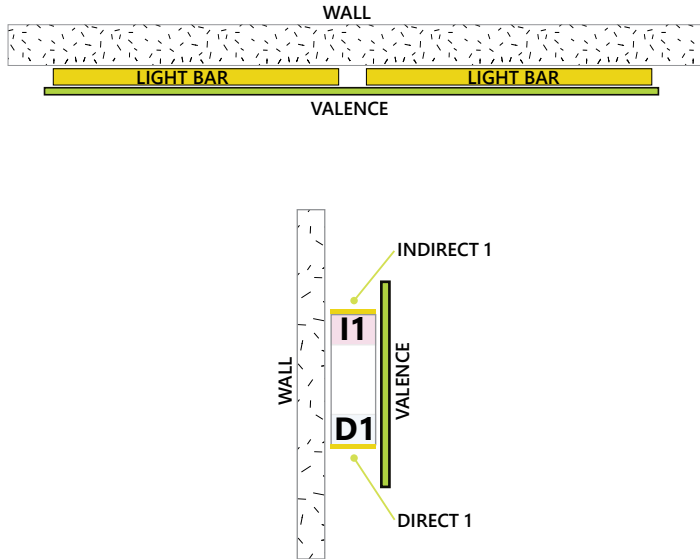
Please consult factory for other sizes. .

LED SYSTEM

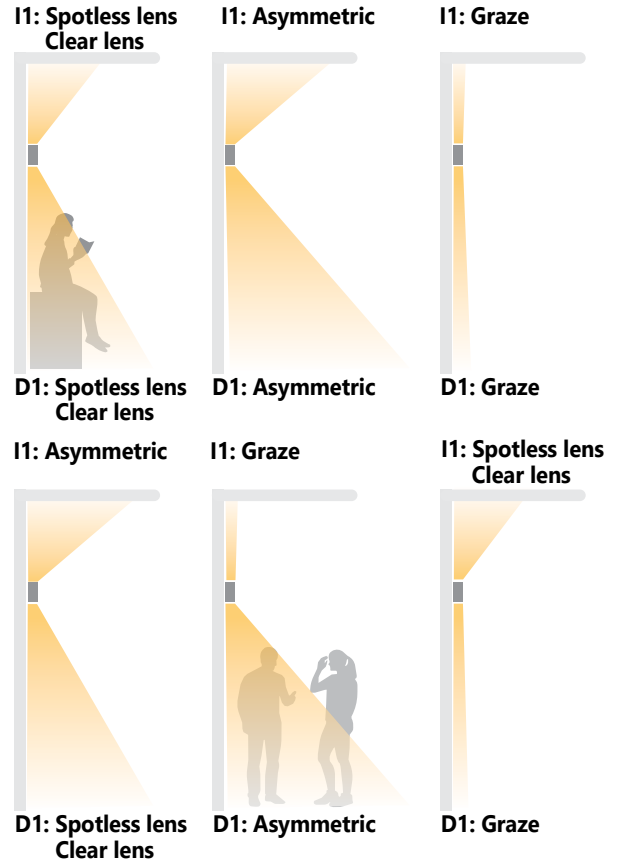
CRI	High efficacy 90 color rendering index.
CCT Single Color	Choice of 2700K, 3000K, 3500K, 4000K and 5000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
CCT Axitune Systems	Consult Axitune technical sheet for more information on color technology.
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).

● OPTIC CONFIGURATIONS

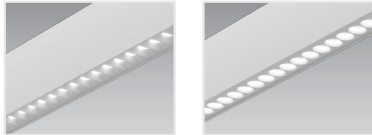
VIEWS



OPTIC COMBINATIONS EXAMPLES



● MIKROLITE



LF
Lofted baffle

CN
Conical baffle

Available colors:

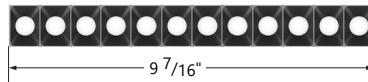


Available beam angles:



● MIKROLITE LENGTH INCREMENT

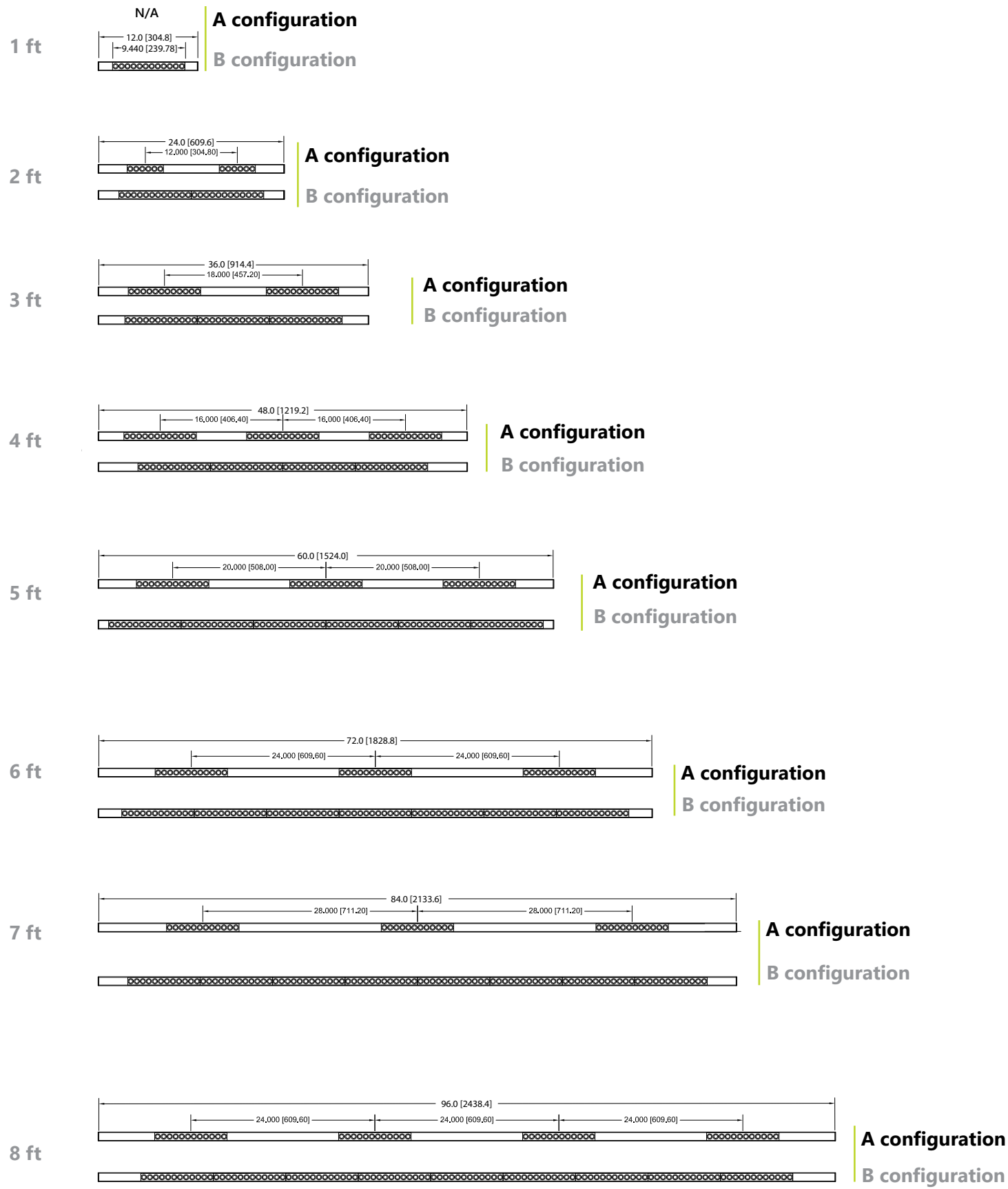
12 cell modules [9.4" (239mm)] length increments available.



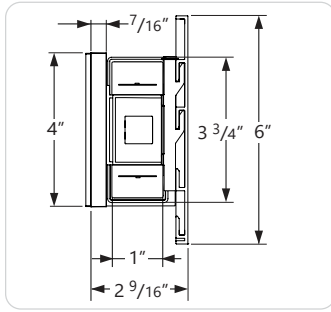
Minimum length for Mikrolite option is 9.4". Provided recommended staggered and full length configurations on page 5. Consult factory for custom layouts. Up to 1000 lm/module

Full segment length Mikrolite available, blanks will be incorporated at hub connections to accommodate Mikrolite module length limits.

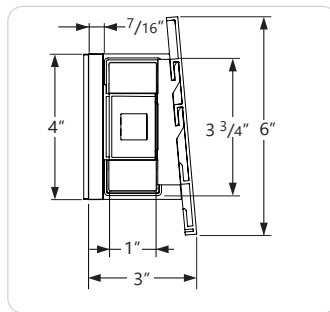
● MIKROLITE WITH BLANKS RECOMMENDED CONFIGURATIONS



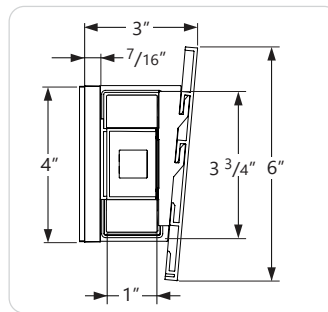
SECTION VIEWS



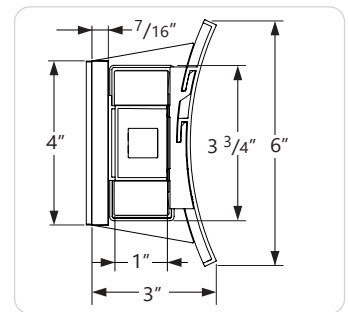
FLT, CEN Flat, Centered



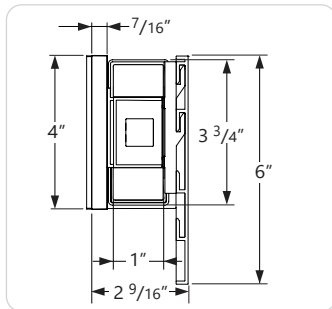
5DEG, CEN 5 degree flat, Centered



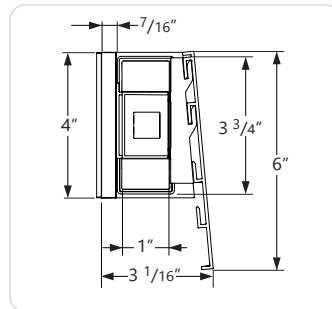
N5DEG, CEN Negative 5 degree flat, Centered



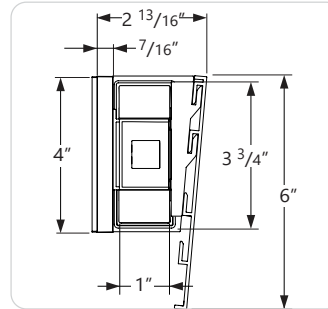
CURV Curved



FLT, FWT Flat, Flush with top



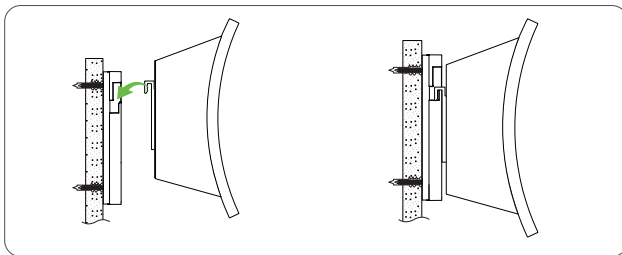
5DEG, FWT 5 degree flat, Flush with top



N5DEG, FWT Negative 5 degree flat, Flush with top

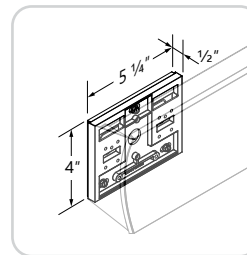
MOUNTING OPTIONS

WALL MOUNTING DETAILS

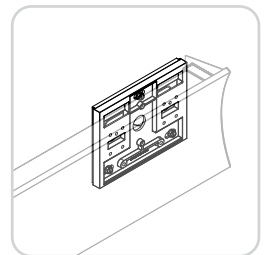


SIDE VIEW

WALL BRACKET DIMENSIONS

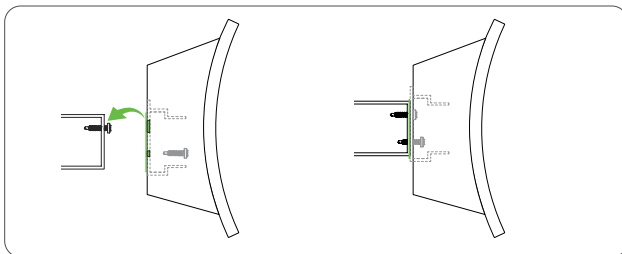


WB Wall Bracket Power side shown.



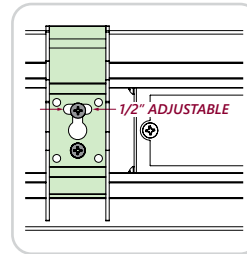
WB Wall Bracket Non-Power side shown

MULLION MOUNT DETAILS



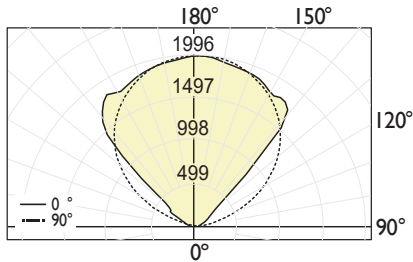
SIDE VIEW

MOUNTING BRACKET DETAILS



HMD Horizontal mullion mounting bracket, 1/2" horizontal adjustability, shown.

● PHOTOMETRIC DATA - INDIRECT

Clear Lens
1200 lm/ft**PHOTOMETRIC CURVE**

Indirect Output: 1200 lm/ft
Total Lumens: 4802 lm (for 4ft)
Input Watts: 36.66 W
Efficacy: 131 lm/W

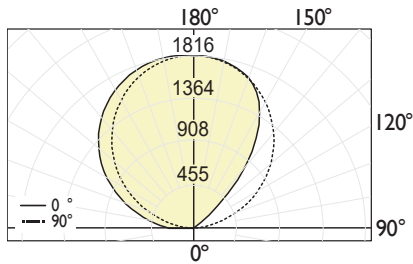
IES FILE: PVS-4-CL-1200-BL-NA-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	5	6	5	5	4
95	26	5	4	4	3
105	229	23	3	2	2
115	631	523	29	1	1
125	1022	1035	196	118	90
135	1350	1351	1443	658	274
145	1609	1581	1632	1734	1776
155	1794	1760	1795	1831	1834
165	1925	1906	1895	1901	1907
175	1991	1988	1983	1977	1978
180	1996	1996	1996	1996	1996

ZONAL LUMENS

Zone	Lumens
0	
0-10	53
10-20	132
20-30	346
30-40	639
40-50	1003
50-60	1059
60-70	840
70-80	543
80-90	189
90	

Spotless Lens
1200 lm/ft**PHOTOMETRIC CURVE**

Indirect Output: 1200 lm/ft
Total Lumens: 4801 lm (for 4ft)
Input Watts: 52.47 W
Efficacy: 92 lm/W

IES FILE: PVS-4-SO-1200-BL-NA-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

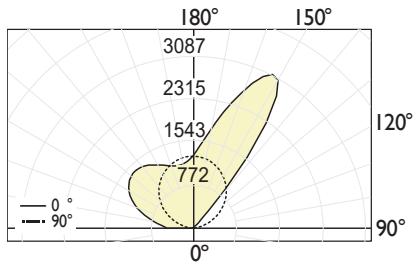
CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	4	5	5	5	7
95	70	5	4	5	6
105	319	25	4	3	5
115	631	429	7	2	3
125	929	866	384	87	30
135	1195	1190	950	635	514
145	1420	1427	1365	1222	1153
155	1604	1607	1606	1585	1571
165	1734	1735	1736	1740	1743
175	1802	1800	1800	1801	1804
180	1811	1811	1811	1811	1811

ZONAL LUMENS

Zone	Lumens
0	
0-10	145
10-20	300
20-30	496
30-40	693
40-50	860
50-60	888
60-70	752
70-80	495
80-90	172
90	

● PHOTOMETRIC DATA - INDIRECT

Asymmetric Lens
1200 lm/ft**PHOTOMETRIC CURVE**

Indirect Output: 1200 lm/ft
Total Lumens: 4795 lm (for 4ft)
Input Watts: 41.9 W
Efficacy: 114 lm/W

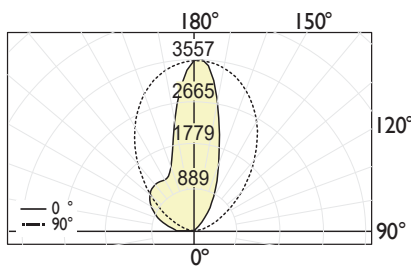
IES FILE: PVS-4-ASO-1200-BL-NA-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	4	5	6	7	9
95	48	4	5	6	8
105	217	17	4	5	6
115	435	398	5	4	5
125	653	1112	201	26	6
135	850	1433	1757	411	226
145	1012	1521	2533	2619	2284
155	1139	1511	2192	2783	2983
165	1230	1440	1751	2034	2137
175	1277	1336	1402	1450	1467
180	1282	1282	1282	1282	1282

ZONAL LUMENS

Zone	Lumens
0	
0-10	201
10-20	331
20-30	490
30-40	650
40-50	842
50-60	987
60-70	756
70-80	411
80-90	126
90	

Graze
1200 lm/ft**PHOTOMETRIC CURVE**

Indirect Output: 1200 lm/ft
Total Lumens: 4809 lm (for 4ft)
Input Watts: 42.64 W
Efficacy: 113 lm/W

IES FILE: PVS-4-BL-NA-GZ-1200-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

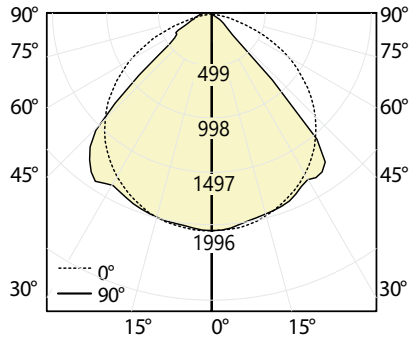
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	8	4	5	5	7
95	61	5	4	5	6
105	262	30	4	4	5
115	582	353	7	3	4
125	1039	771	180	36	9
135	1631	1247	544	236	176
145	2285	1778	1024	670	583
155	2873	2447	1622	1250	1134
165	3299	3158	2584	2176	2053
175	3502	3537	3483	3416	3425
180	3510	3510	3510	3510	3510

ZONAL LUMENS

Zone	Lumens
0	
0-10	157
10-20	274
20-30	428
30-40	590
40-50	734
50-60	817
60-70	813
70-80	691
80-90	305
90	

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

● PHOTOMETRIC DATA - DIRECT

Clear Lens
1200 lm/ft**PHOTOMETRIC CURVE**

Direct Output: 1200 lm/ft
Total Lumens: 4802 lm (for 4ft)
Input Watts: 36.66 W
Efficacy: 131 lm/W

IES FILE: PVS-4-BL-NA-CL-1200-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

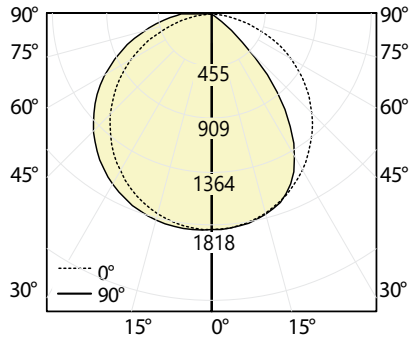
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1996	1996	1996	1996	1996
5	1991	1988	1983	1977	1978
15	1925	1906	1895	1901	1907
25	1794	1760	1795	1831	1834
35	1609	1581	1632	1734	1776
45	1350	1351	1443	658	274
55	1022	1035	196	118	90
65	631	523	29	1	1
75	229	23	3	2	2
85	26	5	4	4	3
90	5	6	5	5	4

ZONAL LUMENS

Zone	Lumens
0	
0-10	189
10-20	543
20-30	840
30-40	1059
40-50	1003
50-60	639
60-70	346
70-80	132
80-90	53
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	53458	57142	10864
55	49894	9587	4414
65	41801	1898	94
75	24815	276	210
85	8493	1330	1045

Spotless Lens
1200 lm/ft**PHOTOMETRIC CURVE**

Direct Output: 1200 lm/ft
Total Lumens: 4801 lm (for 4ft)
Input Watts: 52.47 W
Efficacy: 92 lm/W

IES FILE: PVS-4-BL-NA-SO-1200-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1811	1811	1811	1811	1811
5	1802	1800	1800	1801	1804
15	1734	1735	1736	1740	1743
25	1604	1607	1606	1585	1571
35	1420	1427	1365	1222	1153
45	1195	1190	950	635	514
55	929	866	384	87	30
65	631	429	7	2	3
75	319	25	4	3	5
85	70	5	4	5	6
90	4	5	5	5	7

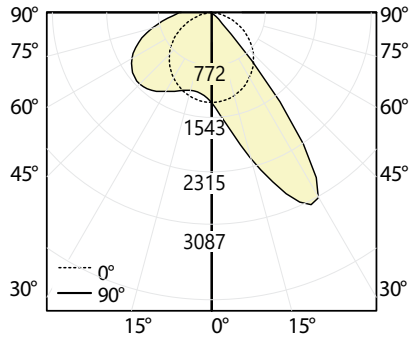
ZONAL LUMENS

Zone	Lumens
0	
0-10	172
10-20	495
20-30	752
30-40	888
40-50	860
50-60	693
60-70	496
70-80	300
80-90	145
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	41737	33179	17971
55	40024	16534	1297
65	36878	399	193
75	30465	350	439
85	19748	1214	1766

● PHOTOMETRIC DATA - DIRECT

Asymmetric Lens
1200 lm/ft**PHOTOMETRIC CURVE****CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1282	1282	1282	1282	1282
5	1277	1336	1402	1450	1467
15	1230	1440	1751	2034	2137
25	1139	1511	2192	2783	2983
35	1012	1521	2533	2619	2284
45	850	1433	1757	411	226
55	653	1112	201	26	6
65	435	398	5	4	5
75	217	17	4	5	6
85	48	4	5	6	8
90	4	5	6	7	9

ZONAL LUMENS

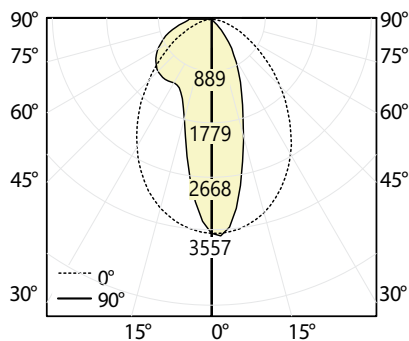
Zone	Lumens
0	
0-10	126
10-20	411
20-30	756
30-40	987
40-50	842
50-60	650
60-70	490
70-80	331
80-90	201
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	29699	61385	7879
55	28136	8639	269
65	25455	288	285
75	20723	411	595
85	13470	1447	2209

Direct Output: 1200 lm/ft
Total Lumens: 4795 lm (for 4ft)
Input Watts: 41.9 W
Efficacy: 114 lm/W

IES FILE: PVS-4-BL-NA-ASO-1200-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

Graze
1200 lm/ft**PHOTOMETRIC CURVE****CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	3510	3510	3510	3510	3510
5	3502	3537	3483	3416	3425
15	3299	3158	2584	2176	2053
25	2873	2447	1622	1250	1134
35	2285	1778	1024	670	583
45	1631	1247	544	236	176
55	1039	771	180	36	9
65	582	353	7	3	4
75	262	30	4	4	5
85	61	5	4	5	6
90	8	4	5	5	7

ZONAL LUMENS

Zone	Lumens
0	
0-10	305
10-20	691
20-30	813
30-40	817
40-50	734
50-60	590
60-70	428
70-80	274
80-90	157
90	

LUMINANCE DATA (cd/m²)

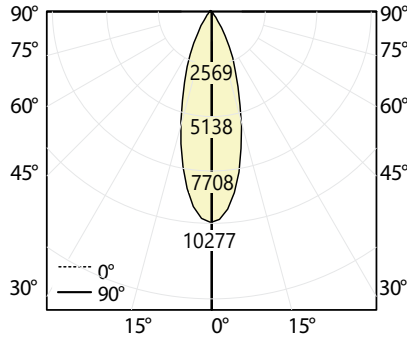
Vertical Angle	Horizontal Angles		
	0	45	90
45	56980	19008	6150
55	44748	7760	373
65	34026	422	228
75	25013	336	485
85	17242	1186	1827

Direct Output: 1200 lm/ft
Total Lumens: 4809 lm (for 4ft)
Input Watts: 42.64 W
Efficacy: 113 lm/W

IES FILE: PVS-4-BL-NA-GZ-1200-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

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

● PHOTOMETRIC DATA - DIRECT MIKROLITE

MikroLite - Lofted White Matte 24°
soft beam**PHOTOMETRIC CURVE**

Total Lumens: 4800 lm (for 4ft)
Input Watts: 41.7 W
Efficacy: 115 lm/W

90 CRI at 3500K shown.
 IES FILE: PSV-4-MKL-LF-SF-D24-1200-MW-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

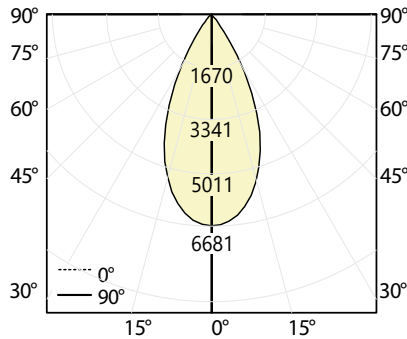
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	10277	10277	10277	10277	10277
5	9754	9631	9599	9467	9510
15	6040	5835	5770	5618	5623
25	2757	2660	2638	2548	2540
35	778	855	989	951	939
45	235	251	335	350	325
55	126	132	158	164	152
65	57	61	73	71	64
75	24	24	22	17	14
85	7	6	5	4	3
90	1	1	1	1	1

ZONAL LUMENS

Zone	Lumens
0	
0-10	868
10-20	1618
20-30	1225
30-40	603
40-50	252
50-60	137
60-70	69
70-80	23
80-90	5
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	19233	27390	26628
55	12742	15884	15379
65	7831	10010	8806
75	5352	4849	3188
85	4525	3593	2028

MikroLite - Lofted White Matte 50°
soft beam**PHOTOMETRIC CURVE**

Total Lumens: 4799 lm (for 4ft)
Input Watts: 41.4 W
Efficacy: 116 lm/W

90 CRI at 3500K shown.
 IES FILE: PSV-4-MKL-LF-SF-D50-1200-MW-90-35-W-VAL-CEN.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	6681	6681	6681	6681	6681
5	6555	6561	6587	6583	6585
15	5494	5512	5580	5562	5565
25	3442	3503	3604	3596	3595
35	1046	1199	1497	1509	1498
45	225	262	398	450	458
55	61	76	120	141	136
65	2	7	26	34	32
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	611
10-20	1496
20-30	1511
30-40	794
40-50	273
50-60	94
60-70	20
70-80	0
80-90	0
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	16553	29320	33694
55	5514	10876	12383
65	266	3215	3928
75	0	0	0
85	0	0	0

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