

ARCHITECTURAL LINEAR SPECIFICATIONS & ORDERING



- UL certified for elevated ambient temperatures
- Up to 164.7 lumens per watt
- Extended lifespan >71,000 hours
- Single channel 25% indirect, 75% direct
- Dimming down to 1%
- 10-Year Warranty

REMOTE MEASUREMENTS

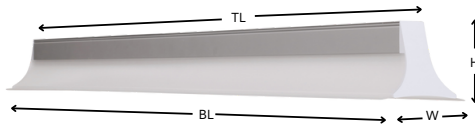
	Pendant/Unistrut			Surface		
	4'	6'	8'	4'	6'	8'
TL	46.2"	69.5"	92.2"	45.9"	69.2"	91.9"
BL	48.2"	71.5"	94.2"	48.5"	71.5"	94.2"
W	5.5"	5.5"	5.5"	5.5"	5.5"	5.5"
H	4"	4"	4"	4.6"	4.6"	4.6"
LB	6	10	12	9	13	16

INTEGRAL MEASUREMENTS

	Pendant/Unistrut			Surface		
	4'	6'	8'	4'	6'	8'
TL	47"	70.2"	93"	46.7"	69.9"	92.7"
BL	48.2"	71.5"	94.3"	48.2"	71.5"	94.3"
W	5.5"	5.5"	5.5"	5.5"	5.5"	5.5"
H	2.6"	2.6"	2.6"	3.2"	3.2"	3.2"
LB	4	6	8	6	9	12

SPECIFICATIONS

Ambient Operating Temp	70°C Remote 55°C Integral 35°C Emergency
Indirect Lighting	25%
Direct Lighting	75%
UL 924	Emergency
UL 1598	Integral
UL 2108	Remote
Lumens per watt 80 CRI	164.7 Rem / 162.04 Int
Lumens per watt 90 CRI	136.7 Rem / 134.5 Int
Lumens per watt 97 CRI	118.6
Compliance	TAA Compliant DLC-Listed
Dimming	Down to 1%
Warranty	10-Year
L90	>71,000 hours



LUMEN PACKAGES DELIVERED LUMENS

Length	SKU	Integral		Remote		Circadian		Tunable	Total Watts
		80 CRI	90 CRI	80 CRI	90 CRI	97 CRI	White		
4'	L1	3241	2690	3294	2734	2372	1826	20	
	L2	4861	4035	4941	4101	3558	2739	30	
	L3	6482	5380	6588	5468	4744	3652	40	
6'	L1	4861	4035	4941	4101	3558	2739	30	
	L2	7292	6052	7412	6152	5337	4109	45	
	L3	9722	8070	9882	8202	7116	5478	60	
8'	L1	6482	5380	6588	5468	4744	3652	40	
	L2	9722	8070	9882	8202	7116	5478	60	
	L3	12963	10759	13176	10936	9488	7304	80	

UNIVERSAL SENSOR ENDCAP

None	NA
Eaton	EA
Enlighted	EN
Osram	OS
Signify (Phillips)	PH

ORDER INFORMATION

FIXTURE		LENGTH		LUMEN	MOUNT		COLOR		VOLTAGE		WHIP		W. COLOR		CRI		FINISH		FEED		ENDCAP
Integral	I	4	4ft	L1	P	Pendant	30	3000K	U	120/277	N	None	W	White	80	80	CW	Clear	TF	Top	NA
Emergency	IEM	6	6ft	L2	U	Unistrut	35	3500K			3	No Dim	B	Black	90	90	BB	Black	SF	Side	EA
Remote	R	8	8ft	L3	S	Surface	40	4000K			5	Dim	G	Gray	SC	97					EN
PoE	POE						50	5000K													OS
Tunable	TWI						65	6500K													PH
																					Integral Only
SKU																					

FIXTURE	LENGTH	LUMEN	MOUNT	COLOR	VOLTAGE	WHIP	WHIP COLOR	CRI	FINISH	FEED
Quick Ship IQS	4 4ft	L1	P Pendant	35 3500K	U 120/277	3 No Dim	W White	80	CW Clear	TF Top
	8 8ft	L2	U Unistrut	40 4000K		5 Dim	B Black	90		SF Side
		L3					G Gray			
SKU										

Revised: July 14, 2023

ARCHITECTURAL CONTINUOUS RUN SPECIFICATIONS & ORDERING

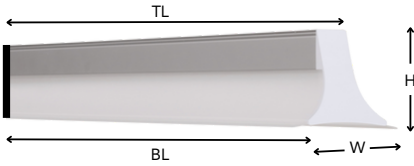


- UL certified for elevated ambient temperatures
- Up to 164.7 lumens per watt for maximum efficiency
- Span 100' single drop
- Integral
- Extended lifespan between >71,000
- Single channel 25% indirect, 75% direct
- Dimming down to 1%
- 10-Year Warranty

MEASUREMENTS

Mount	SKU	WHIP/END		MID SEGMENT			
		Top Length	Bottom Length	Length	Height	Width	Weight
Pendant / Unistrut	CR2	23.30"	24.34"	23.37"	4"	5.5"	4 lb
	CR4	46.23"	47.28"	47.2"	4"	5.5"	6 lb
	CR6	69.49"	70.54"	70.5"	4"	5.5"	10 lb
	CR8	92.29"	93.34"	93.3"	4"	5.5"	12 lb

Emergency adds 1 pound to the weight



SPECIFICATIONS

Ambient Operating Temp	50° C
Indirect Lighting	25%
Direct Lighting	75%
UL 924	Emergency
UL 1598	Integral
Lumens per watt 80 CRI	162
Lumens per watt 90 CRI	134.5
TAA Compliant	Yes
DLC Listed	Yes
Dimming	Down to 1%
Warranty	10-Year
Lumen Maintenance	71,000 hours

SEGMENT ORDER INFO

SKU	SEGMENT TYPE
CR2	Integral 2'
CR4	Integral 4'
CR6	Integral 6'
CR8	Integral 8'
CR4E	Integral Emergency 4'
CR6E	Integral Emergency 6'
CR8E	Integral Emergency 8'

LUMEN PACKAGES

LENGTH	SKU	80 CRI	90 CRI	TOTAL WATTS
4'	L1	3241	2690	20
	L2	4861	4035	30
	L3	6482	5380	40
6'	L1	4861	4035	30
	L2	7292	6052	45
	L3	9722	8070	60
8'	L1	6482	5380	40
	L2	9722	8070	60
	L3	12963	10759	80

ORDER INFORMATION

FIXTURE	TOTAL LENGTH	LUMEN	MOUNT	COLOR	VOLTAGE	WHIP	WHIP COLOR	CRI	FINISH
Continuous Run	###	L1 L2 L3	P Pendant U Unistrut	30 3000K 35 3500K 40 4000K 50 5000K 65 6500K	U 120/277	3 No Dim 5 Dimming	W White B Black G Gray	80 80 90 90 SC 97	CW Clear BB Black
SKU									

Segments must add up to Total Length - Maximum Segments = 13

TOTAL LENGTH	SEG 1 (WHIP)	SEG	SEG	SEG	SEG	SEG	SEG	SEG	SEG	SEG	SEG	SEG	SEG (END)
SKU													

Revised: July 14, 2023

ARCHITECTURAL INTEGRAL 4' PERFORMANCE

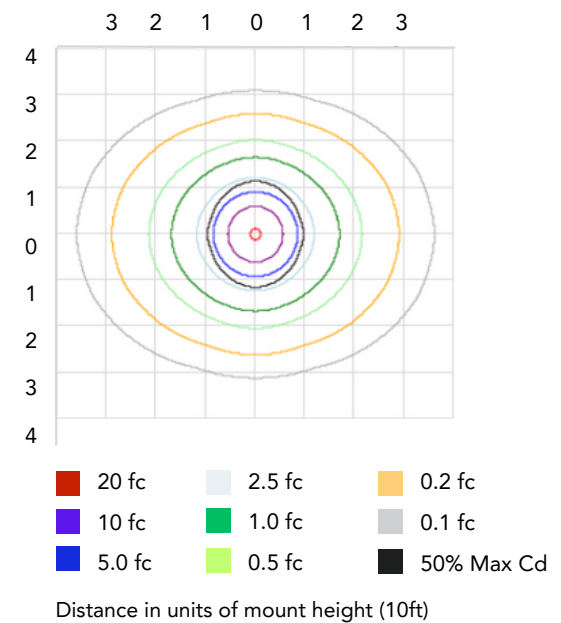
LUMENS	WATTS	LM/W	CCT (K)	CRI
6734.5	40	162.04	4000	80



INTENSITY SUMMARY (candlepower)

ANGLE	0° ALONG	90° ACROSS
0	2071	2071
15	1939	1902
30	1589	1461
45	1132	1024
60	675	757
75	275	523
90	4	375
105	59	381
120	82	357
135	182	325
150	217	272
165	234	215
180	238	238

ISOFOOTCANDLE PLOT

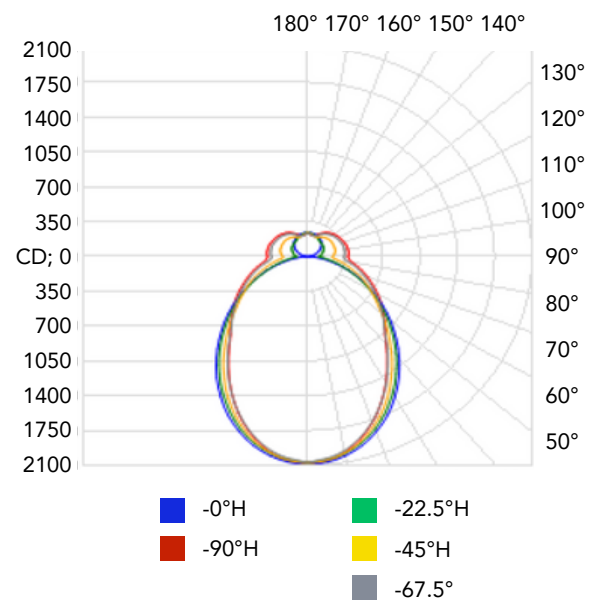


ILLUMINANCE AT A DISTANCE

MOUNTED HEIGHT	CENTER BEAM fc	BEAM WIDTH	
1.7'	717	3.9	3.3
3.3'	190	7.6	6.4
5.0'	82.8	11.6	9.6
6.7'	46.1	15.5	12.9
8.3'	30.1	19.2	16
10.0'	20.7	23.2	19.3

Vertical 98.4°
Horizontal 87.9°

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	LUMINAIRE
0-30	1506.3	22.4%
0-40	2368.5	35.2%
0-60	3935.0	58.4%
0-90	5217.1	77.5%
90-180	1517.4	22.5%
0-180	6734.5	100%

Tested May 12, 2023

ARCHITECTURAL REMOTE STATIC CIRCADIAN 4' PERFORMANCE

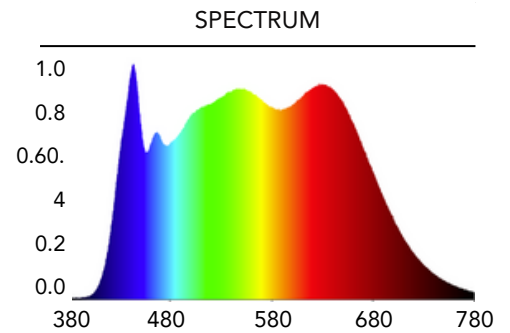


LUMENS	WATTS	LM/W	CCT (K)	CRI
5203.2	39.57	131.5	5000	97.7

CCT	MR Value			CAF Value			CS Value 300 LUX Eye Illuminance		
	LANTANA	Natural Light	Difference	LANTANA	Natural Light	Difference	LANTANA	Natural Light	Difference
5000K	0.945	0.934	1.2%	0.744	0.759	-2.0%	0.341	0.337	1.2%
6500K	1.093	1.079	1.3%	0.898	0.912	-1.5%	0.385	0.391	-1.5%

INTENSITY SUMMARY (candlepower)		
ANGLE	0° ALONG	90° ACROSS
0	1586	1586
15	1507	1459
30	1248	1126
45	901	794
60	537	584
75	210	401
90	3	286
105	45	296
120	99	277
135	143	252
150	171	212
165	184	189
180	187	187

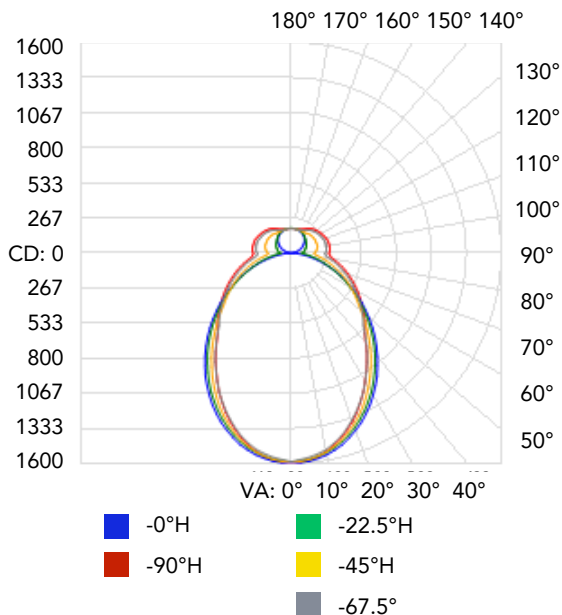
ZONAL LUMEN SUMMARY		
ZONE	LUMENS	LUMINAIRE
0-30	1154.7	22.2%
0-40	1817.7	34.9%
0-60	3024.9	58.1%
0-90	4011.8	77.1%
90-180	1191.4	22.9%
0-180	5203.2	100.0%



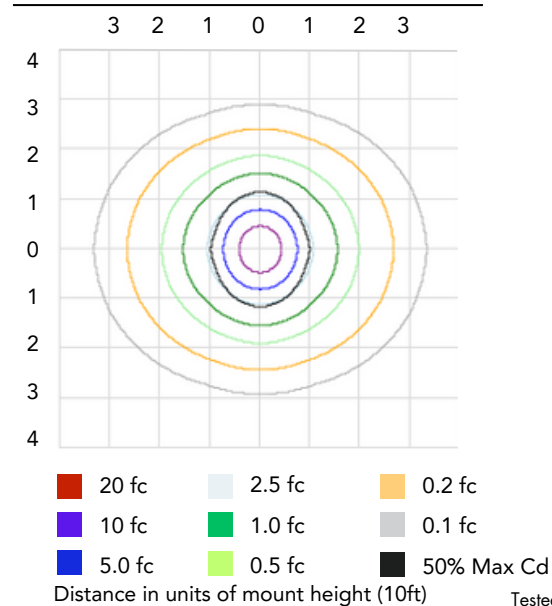
ILLUMINANCE AT A DISTANCE				
MOUNTED HEIGHT	CENTER BEAM fc		BEAM WIDTH	
1.7'	549		3.9'	3.3'
3.3'	146		7.7'	6.5'
5.0'	63.4		11.6'	9.9'
6.7'	53.3		15.5'	13.2'
8.3'	23.0		19.2'	16.4'
10.0'	15.9		23.2'	19.7'

Vertical 98.4° Horizontal 89.1°

POLAR CANDELA DISTRIBUTION



ISOFOOTCANDLE PLOT



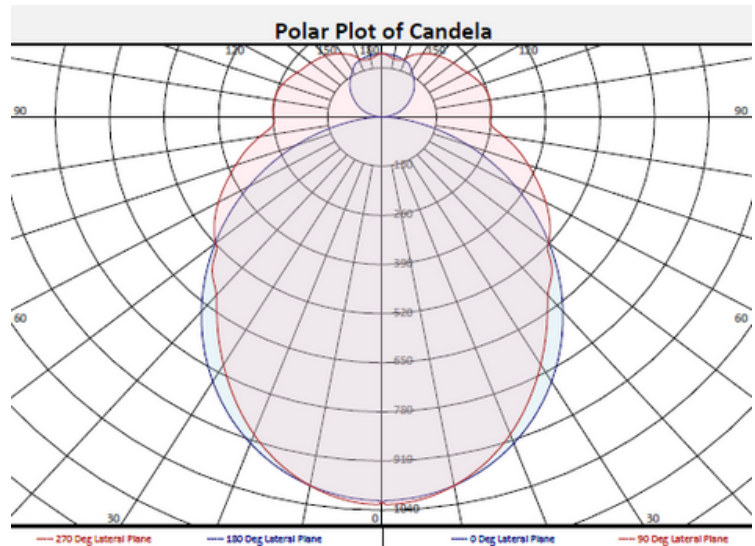
Tested May 12, 2023

ARCHITECTURAL INTEGRAL TUNABLE WHITE 4' PERFORMANCE



LUMENS	WATTS	LM/W	CCT (K)	CRI
3830.8	41.97	91.3	5000	97.7

- Input Voltage (VAC) 120 V
- Input Current 0.3537 A
- Input Power 41.96 W
- Frequency 60 Hz
- Power Factor 0.989
- Current THD 8.5%
- Luminous Flux 3830.8 Lumens
- Total Efficacy 91.3 Lm/W
- Downward Flux 2822.8 Lumens
- Downward Flux 73.7% of Total



ZONAL FLUX SUMMARY

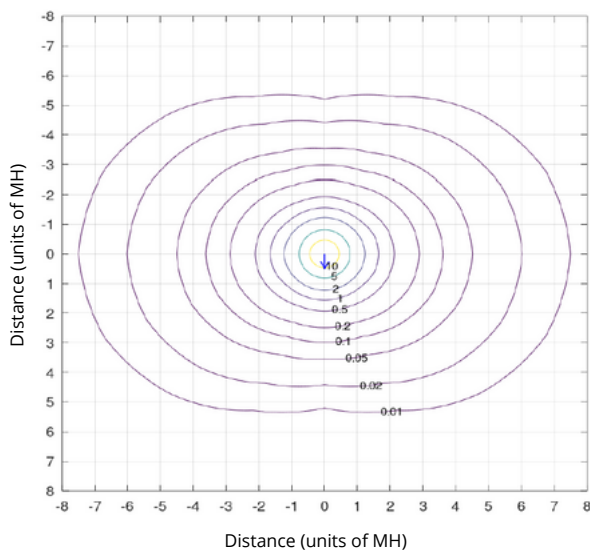
Zone (Deg Vert)	Flux (Lumens)	% of Total	Zone (Deg Vert)	Flux (Lumens)	% of Total	Zone (Deg Vert)	Flux (Lumens)	% of Total
0-10	95.8	2.5	90-100	168.7	4.4	0-20	363.9	9.5
10-20	268.1	7.0	100-110	172.4	4.5	0-30	753.3	19.7
20-30	389.3	10.2	110-120	162.1	4.2	0-40	1198	31.3
30-40	444.4	11.6	120-130	144.8	3.8	0-60	2045	53.4
40-50	442.8	11.6	130-140	125.8	3.3	0-80	2634	69.0
50-60	404.7	10.6	14-150	101.2	2.6	10-90	2727	71.2
60-70	340.6	8.9	150+-160	73.4	1.9	20-50	1277	33.3
70-80	257.4	6.7	160-170	44.1	1.2	40-90	1625	42.4
80-90	179.6	4.7	170-180	15.5	0.4	60-90	777.6	20.3
0-90	2823	73.7	90-180	1008	26.3	0-180	3831	100

AVERAGE LUMINANCE (cd/m)

HEIGHT (ft)	CENTER BEAM (fc)	0-180° (ft)	90-270° (ft)	0° (ft)	45° (ft)	90° (ft)
6.0	28.3	7.11	6.72	28.3	7.11	6.72
8.0	15.9	9.48	8.97	15.9	9.48	8.97
10.0	10.2	11.85	11.21	10.2	11.85	11.21
12.0	7.1	14.22	13.45	7.1	14.22	13.45
14.0	5.2	16.59	15.69	5.2	16.59	15.69
16.0	4.0	18.96	17.93	4.0	18.96	17.93

ARCHITECTURAL INTEGRAL TUNABLE WHITE COLOR TUNING

Color Tuning	100%	75%	50%	25%	0%	Min Value	Max Value
Luminous Flux (Lm)	377.2	3826.3	3805.5	3438.5	3272.5	3272.5	3826.3
Electrical Power (W)	44.42	42.8	41.97	42.56	43.76	41.97	44.42
Lum Efficacy (Lm/W)	83.5	89.4	90.7	80.8	74.8	74.8	90.7
CCT (K)	6460	5343	4072	3134	2841	2841	6460
Duv	0.0028	-0.0007	-0.0036	-0.0026	-0.0006	-0.0036	0.0028
TM-30 Rf	86	88	89	92	93	86	93
TM-30 Rg	95	96	97	99	99	95	99
TM-30 Rcs, h1	-5%	-4%	-3%	-3%	-4%	-5%	-3%
TM-3- Rf, h1	87	89	89	92	92	87	92
CRI Ra	92	94	95	95	95	92	95
R9	72	82	86	75	66	66	86
Chromaticity (x,y)	(0.3135, 0.3291)	(0.3361, 0.3429)	(0.3750, 0.6357)	(0.4477, 0.4059)	(0.4477, 0.4509)		
Chromaticity (u', v')	(0.1984, 0.4685)	(0.2087, 0.4790)	(0.2259, 0.4958)	(0.2567, 0.5237)	(0.2567, 0.5237)		



ISO-FOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

The isofootcandle values shown in the plot left are based on a mounting height of $h = 8.0$ feet. Grid values show multiples of mounting height. The isoilluminance contour lines are expressed in units of footcandles. The values expressed are based on the direct light from a single unit without the contribution of room reflections.

