CANDELA LIGHTING

PROJECT

DATE

COMMENTS

5-YEAR WARRANTY · 1-10V DIMMING · DAMP LOCATION · UL · c UL us

IN STOCK



LPS LINEAR PANEL SURFACE LED

The LPS linear edge-lit panel with integral dimmable driver delivers visual comfort and perfectly uniform illumination across the lens surface while maintaining a very slim profile at an overall depth of less than 1". LPS is available in two aperture widths, 4" and 6", and can be surface mounted or recessed, both ceiling & wall.

PHYSICAL

Material	Aluminum
Mounting	Surface (Ceiling, Wall)
Lens	PMMA
Finish	White

PERFORMANCE

Warranty	5 years
Certifications	Damp Location, UL, CUL
Rated Life	L70 >50,000 hours
THD	<20%
CCT	Field Selectable: 3000K, 3500K, 4000K
CRI	80+
Beam Angle	112°

ELECTRICAL

Wattage	20W, 30W, 40W
Voltage	110-277V
Power Factor	>0.9
Dimmable	1-10V

ENERGY CHART

LENGTH feet	WIDTH inches	DELIVERED LUMENS	WATTAGE	EFFICACY lm/w
4	4	1700	20	85
		2550	30	85
		3400	40	85
	6	1800	20	90
		2700	30	90
		3600	40	90

ORDERING LOGIC

EX: LPS-4-4

FAMILY	LENGTH		WIDTH	
LPS	4	4'	4	4"
			6	6"

ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)

EX: LPS-EM

FAMILY	OPTIONS	
LPS	EM	Emergency Backup: 120 minutes TO BE FIELD INSTALLED

CANDELA LIGHTING

LPS LINEAR PANEL SURFACE LED

SPECIFICATIONS

CONSTRUCTION
Extruded aluminum housing.

ELECTRICAL
LED Driver: Internal driver makes the panel only 0.98" thickness

Dimming: Powered by high efficiency LED driver, with a standard 1-10V driver which continuous dims to 10% that works with many types of controls. Tested Dimmers: Lutron ® Diva-Dvtv, Leviton ® IP-710-DL.

THD: <20%

Power Factor: >0.9

Input Voltage: Standard electronic driver is UL recognized and available for 110-277V AC.

LED SYSTEM
CRI: Minimum 80 color rendering index

CCT: CCT adjustable from 3000K, 3500K and 4000K with a great color consistency.

LED: Life Minimum 50,000h with 87.8% 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.

MOUNTING
Surface - surface mounted kit

APPROVALS
- cULus listed for damp locations
- 5-year Limited Warranty

OPTION FUNCTION
Emergency Option: Optional high voltage 8W emergency LED driver EM-H08170-LBF can be provided. When AC power fails it immediately switches , to the emergency mode, operating for lighting up to 120 minutes. When AC power is restored, it automatically returns to the charging mode which meets critical life-safety lighting requirements.

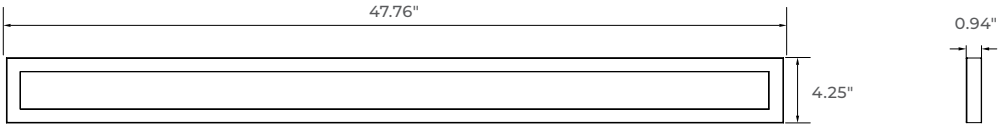
For more info or spec sheet, please contact sales.

EMERGENCY LUMEN OUTPUT

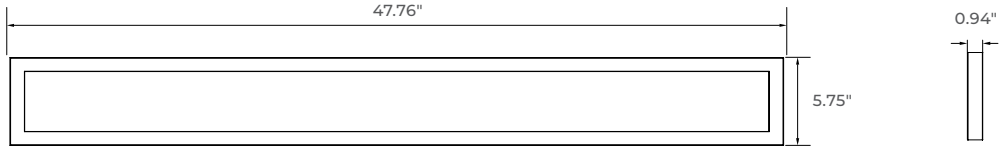
FIXTURE EFFICACY	OUTPUT POWER 8W
90 lm/w	700 Lumens

DIMENSIONS

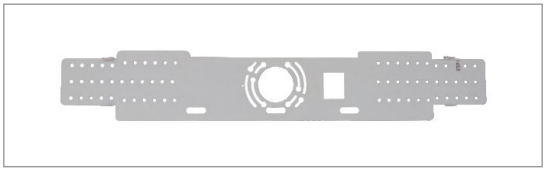
4"x4'



6"x4'



MOUNTING

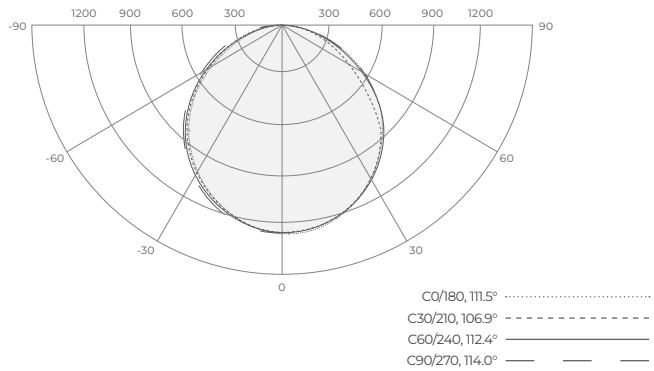


Surface Mounting Kit (Included)
This metal plate is equipped with screw holes for bolting to the ceiling, and 4 small static corner hooks on the mounting plate.

SPECIFICATIONS AND DETAILS ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION. CONTACT SAGE BRANDS FOR UP TO DATE DETAILS.
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PHOTOMETRICS - 4"X4'-40W-4000K

AVERAGE BEAM ANGLE (50%): 111.2°



LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	3986	11657
80	8930	11361
75	10786	12876
70	12551	13720
65	13486	14365
60	14153	14899
55	14562	15169
50	14873	15483
45	15129	15592

ZONAL FLUX DIAGRAM

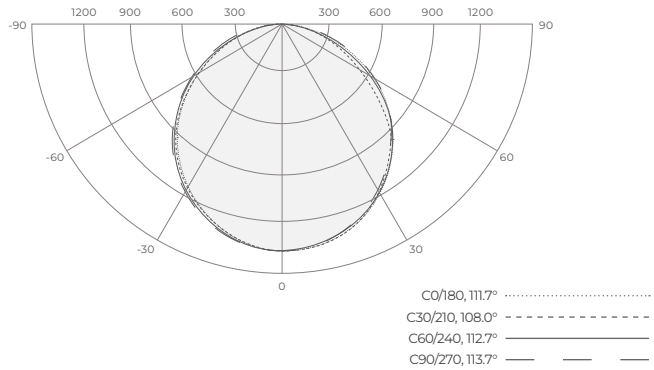
T	C0	C45	C90	C135	C180
5	1161	1157	1158	1158	1162
10	1144	1142	1149	1143	1145
15	1116	1119	1121	1121	1118
20	1079	1081	1092	1082	1081
25	1034	1040	1046	1039	1035
30	979.6	987.7	999.2	975.3	979.5
35	917.4	926.8	936.4	896.2	915.6
40	848.0	861.8	873.5	814.1	844.4
45	772.4	773.0	796.0	700.0	765.8
50	690.2	658.7	718.5	566.7	681.2
55	603.1	539.1	628.2	454.6	590.0
60	510.9	441.1	537.9	362.9	494.5
65	411.5	356.9	438.3	285.2	393.4
70	309.9	269.0	338.8	209.2	288.9
75	201.6	185.0	240.6	136.6	170.1
80	112.0	107.5	142.4	75.01	50.70
85	25.08	46.18	73.35	29.85	9.004
90	1.375	4.618	4.269	2.435	0.4506
DEG	LUMINOUS INTENSITY: cd				

ZONAL LUMENS

T	ϕ TOTAL
0-5	27.77
5-10	110.1
10-15	244.1
15-20	425.3
20-25	647.4
25-30	902.8
30-35	1183
35-40	1477
40-45	1777
45-50	2067
50-55	2338
55-60	2580
60-65	2788
65-70	2955
70-75	3078
75-80	3158
80-85	3198
85-90	3211
UNIT: lm	

PHOTOMETRICS - 6"X4'-40W-4000K

AVERAGE BEAM ANGLE (50%): 111.5°



LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	2924	8444
80	6708	8309
75	8333	9441
70	9489	10070
65	10132	10576
60	10581	10990
55	10870	11210
50	11087	11458
45	11267	11552

ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180
5	1386	1382	1383	1384	1389
10	1366	1364	1372	1367	1370
15	1333	1336	1338	1341	1339
20	1289	1291	1304	1295	1295
25	1234	1241	1248	1244	1240
30	1170	1178	1192	1180	1174
35	1096	1105	1116	1105	1098
40	1014	1027	1041	1019	1012
45	924.1	926.5	947.5	879.8	918.3
50	826.7	806.0	854.3	720.4	817.1
55	723.2	665.0	745.9	582.6	708.4
60	613.7	540.6	637.4	463.8	594.0
65	496.7	434.4	518.5	363.1	474.2
70	376.5	328.5	399.5	268.3	350.8
75	250.2	223.0	283.5	177.4	214.9
80	135.1	128.5	167.4	99.54	68.68
85	29.57	54.04	85.37	40.78	18.34
90	0.7982	4.035	3.376	2.877	0.4350
DEG	LUMINOUS INTENSITY: cd				

ZONAL LUMENS

T	ϕ TOTAL
0-5	33.18
5-10	131.5
10-15	291.7
15-20	508.1
20-25	773.7
25-30	1079
30-35	1415
35-40	1769
40-45	2128
45-50	2478
50-55	2806
55-60	3099
60-65	3351
65-70	3554
70-75	3706
75-80	3804
80-85	3854
85-90	3870
UNIT: lm	

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