

EKL1 LED

Linear, architectural luminaire with direct and indirect lighting. For use in indoor applications where an LED luminaire with continuous light is required. Air craft cable mounted. Available in custom colors and light outputs.



Features

- 20% Direct and 80% Indirect Light Distribution
- Continuous Row Mounting
- Damp Location Rated
- CRI Value: 80+; available in 90+
- 5 year, 50,000 hour lamp life Warranty
- 3000k, 3500k, and 4000k color temperatures available

Applications

- Offices
- Retail Stores
- Classrooms
- Reception Areas
- Corridors

Details

Construction: Durable cold rolled 20 guage steel.

Optics: Acrylic diffuse lens.

Electrical: Integral driver with dimming. Several driver options available. See below for Lutron Dimming information:

LTEA=2-wire forward phase; Hi-Lume 1% Dimming, only available for 120V.

L3DA=3-wire EcoSystem; Hi-Lume 1% Dimming

LDE1=Digital EcoSystem; Hi-Lume 1% Dimming, 'soft-on fade-to-black' (Required for Daylighting)

LDE5=5 Series EcoSystem; 5% Dimming.

Warranty: 5 year limited warranty; covers standard components.

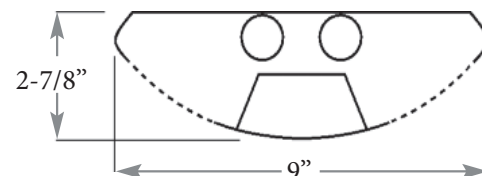
Approvals: Union made, ETL listed, and manufactured in the US. Rated for Damp Location.

LED System Information

	Nominal System Watts	Nominal Delivered Lumens	Nominal Efficacy
Standard (LTG1)	11.75W/ft	1,275Lm/ft	108Lm/W
Low (LTG2)	10.5W/ft	1,150Lm/ft	109Lm/W
High (LTG3)	13W/ft	1,400Lm/ft	106Lm/W

Please Note: Standard CRI is 80+, must specify for requests over 90. Outputs reflected in chart based on 4000K color temperature. For custom LED package requests consult factory; wattages vary based on specified output. Additional photometric information available.

Extrusion Dimensions



Ordering Information

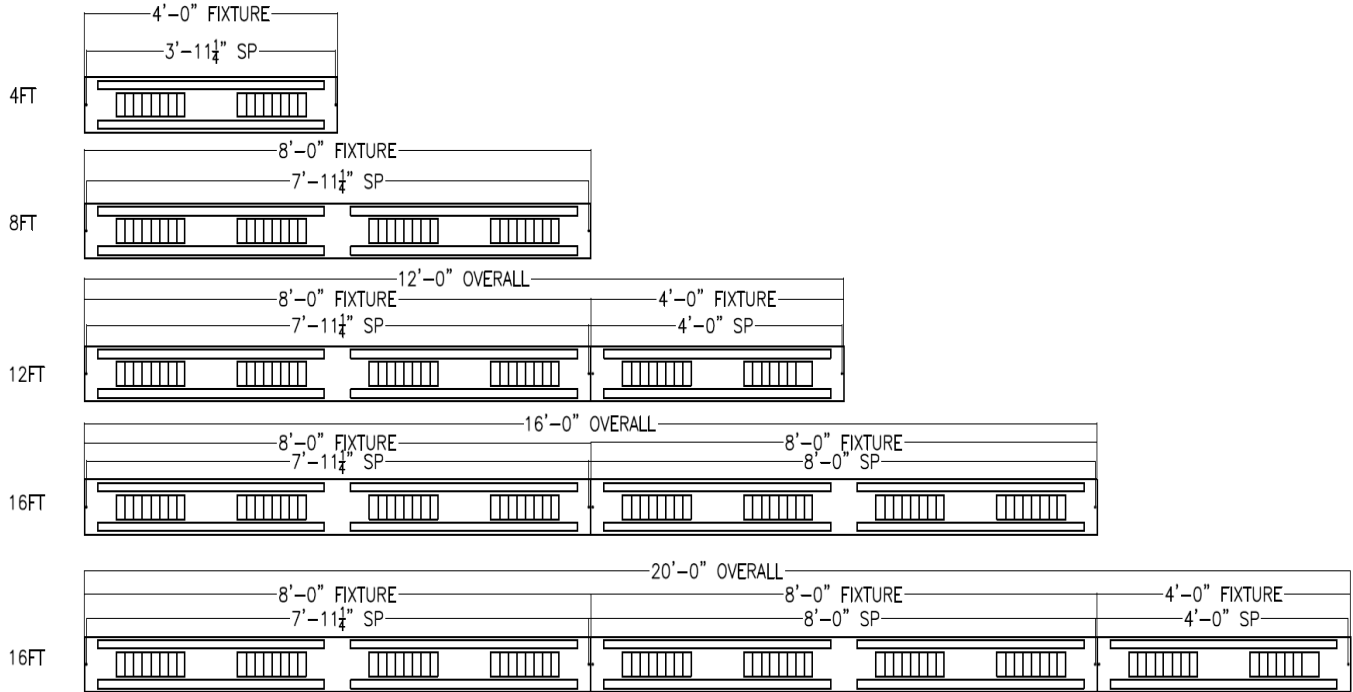
EKL1 LED

Series	Size	LED System	Color Temp	Voltage	Mounting	Driver	Options
	4FT	LTG1- Standard	3000K	120	AC- Air Craft Cable	DB- Standard 10% Dimming (0-10V)	EM-Emergency Pack
	8FT	LTG2- Low	3500K	277		DB1%-1% Dimming (0-10V)	EIS- Integral Sensor by Enlighted
	XFT (Continuous Row Mounting)	LTG3- High	4000K	UNV		LTEA*-Lutron 2-wire 1% Dimming	WIS- Integral Sensor by Wattstopper
		C- Custom Output (ie-C3500Lm)				L3DA*-Lutron 3-wire 1% Dimming	90CRI- CRI of 90+
						LDE1*-Lutron Digital EcoSystem	CC- Custom Color
						LDE5*-5 Series EcoSystem; 5% Dimming	

*Refer to 'Electrical' Information Above

Ordering Example: EKL1 LED-4FT-LTG1-4000K-UNV-AC-LTEA-EM

Dimensions/Suspension Points



Photometrics

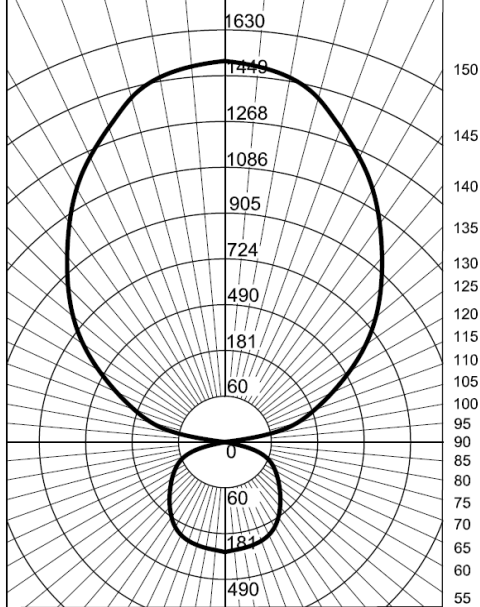
EKL1 LED 4FT LTC1 3500K

DELIVERED LUMENS: 4,945Lm

TOTAL WATTS: 47W

EFFICACY: 105 Lumens/Watt

155 160 165 170 175 180 175 170 165 160 155



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0.00 - 30.00	93.59	1.48	1.89
0.00 - 40.00	124.22	1.97	2.51
0.00 - 60.00	161.42	2.56	3.26
0.00 - 90.00	193.84	3.07	3.92
90.00 - 120.00	1441.41	22.82	29.14
90.00 - 150.00	3633.73	57.53	73.47
90.00 - 180.00	4752.16	75.23	96.08
0.00 - 180.00	4945.99	78.30	100.00

CANDELA DISTRIBUTION

0.00	22.50	45.00	67.50	90.00
0.00	212.59	212.59	212.59	212.59
5.00	207.19	201.16	178.22	167.63
10.00	209.74	174.91	131.20	116.02
15.00	195.36	137.74	110.06	108.43
20.00	182.24	110.36	97.38	87.49
25.00	153.38	94.44	78.32	86.45
30.00	128.01	72.99	68.11	50.28
35.00	102.35	54.33	43.13	30.25
40.00	77.31	38.13	26.91	21.82
45.00	48.76	27.12	19.42	22.26
50.00	29.48	18.51	18.12	21.62
55.00	16.61	14.15	17.00	21.56
60.00	8.98	11.54	15.48	19.81
65.00	6.02	9.00	13.02	19.35
70.00	4.88	6.06	10.92	16.87
75.00	3.60	3.92	8.66	16.78
80.00	2.59	2.29	6.23	14.40
85.00	1.48	1.66	3.74	10.06
90.00	8.49	8.94	6.74	9.35
95.00	124.17	179.26	189.95	169.71
100.00	277.56	314.11	428.51	528.13
105.00	446.40	400.45	523.15	656.64
110.00	573.42	500.47	584.34	706.90
115.00	679.67	605.78	640.00	742.23
120.00	770.25	713.73	714.16	776.44
125.00	874.34	814.18	775.54	823.23
130.00	970.44	910.13	870.63	882.03
135.00	1076.56	984.72	966.79	932.69
140.00	1186.80	1053.85	1045.63	1026.68
145.00	1274.66	1099.56	1113.85	1119.12
150.00	1406.05	1156.23	1166.87	1173.76
155.00	1515.00	1220.27	1220.35	1224.08
160.00	1608.03	1295.20	1264.47	1262.14
165.00	1720.05	1371.94	1280.13	1303.44
170.00	1727.71	1539.72	1347.89	1309.28
175.00	1790.97	1710.41	1570.26	1458.39
180.00	1783.13	1783.13	1783.13	1783.13

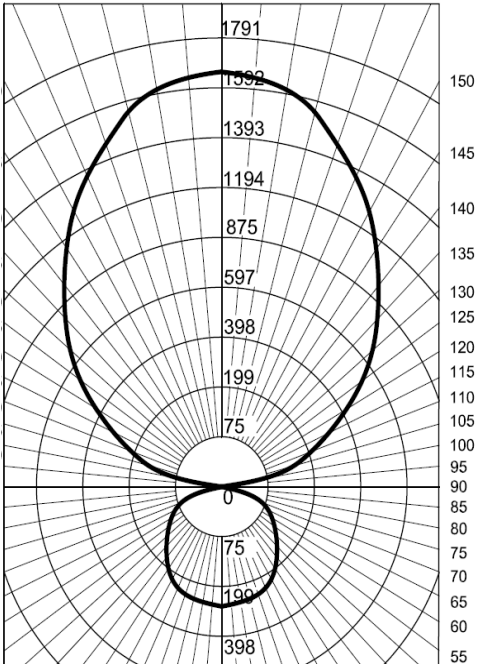
EKL1 LED 4FT LTC2 3500K

DELIVERED LUMENS: 4,460Lm

TOTAL WATTS: 42W

EFFICACY: 106 Lumens/Watt

155 160 165 170 175 180 175 170 165 160 155



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0.00 - 30.00	84.24	1.48	1.89
0.00 - 40.00	111.81	1.96	2.51
0.00 - 60.00	145.46	2.55	3.26
0.00 - 90.00	174.60	3.06	3.91
90.00 - 120.00	1300.72	22.83	29.15
90.00 - 150.00	3278.31	57.54	73.47
90.00 - 180.00	4287.61	75.25	96.09
0.00 - 180.00	4462.21	78.31	100.00

CANDELA DISTRIBUTION

0.00	22.50	45.00	67.50	90.00
0.00	184.04	184.04	184.04	184.04
5.00	198.15	196.14	197.16	211.20
10.00	189.04	196.33	191.73	195.95
15.00	188.52	202.83	210.60	210.96
20.00	187.24	188.27	209.09	218.69
25.00	182.02	181.23	206.29	223.38
30.00	181.42	187.31	199.51	227.19
35.00	172.63	182.89	198.85	224.16
40.00	165.45	175.36	192.61	213.15
45.00	152.03	156.26	184.12	199.01
50.00	136.98	142.44	164.90	183.72
55.00	126.38	130.62	143.36	162.53
60.00	103.37	110.07	120.59	137.24
65.00	85.08	91.34	100.38	107.56
70.00	60.81	66.99	75.31	80.35
75.00	38.41	46.22	51.53	54.92
80.00	28.87	27.32	28.16	32.42
85.00	11.86	10.30	11.55	14.01
90.00	30.22	34.74	25.07	17.59
95.00	108.95	297.83	314.00	180.72
100.00	151.00	386.54	652.85	811.94
105.00	175.52	418.50	663.85	886.35
110.00	184.66	421.13	712.27	944.28
115.00	200.91	423.94	740.69	899.88
120.00	222.15	435.88	723.26	907.85
125.00	243.05	446.40	711.37	867.62
130.00	270.87	440.76	645.61	867.77
135.00	277.11	431.14	641.66	767.97
140.00	280.94	420.98	578.83	763.48
145.00	297.83	401.39	576.17	712.19
150.00	281.24	403.95	497.13	634.55
155.00	283.20	378.61	454.47	533.40
160.00	297.55	353.50	432.66	496.99
165.00	278.97	347.53	394.01	437.79
170.00	257.78	314.69	359.71	387.62
175.00	251.95	283.97	325.53	347.26
180.00	275.08	275.08	275.08	275.08