

Photometrics • Lusio Industrial Linear • Medium Distribution

► Part No. LW-LUSIO-LIN-LG-MD-CW

Total Thermally Stabilized Lumens: 3,890
Kelvin: 4150K +/- 350K (standard)
Photometry results from actual luminaire tested at 3950K.

Fixture Wattage: 68W (110-277 VAC)
Luminaire Efficacy Rating: 58

Spacing Criteria
 Lateral Plane 0° 90°
 1.3 1.3

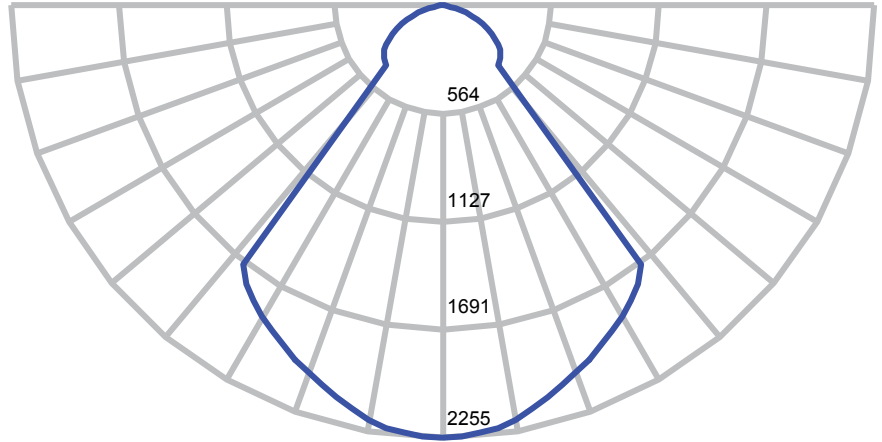
► **Beam Data**



Height	Beam Center Footcandles	Beam Diameter
8 ft	35.2	36.2 ft
10 ft	22.6	45.2 ft
12 ft	15.7	54.3 ft
15 ft	10.0	67.9 ft
18 ft	7.0	81 ft
20 ft	5.6	90 ft

► **Polar Candela Distribution**

Quadrilaterally Symmetric



► **Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance: 0.20

RC	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	122	122	122	122	119	119	119	119	114	114	114	109	109	109	105	105	105	103
1	114	110	107	104	112	108	105	102	104	101	99	100	98	96	96	95	93	91
2	106	99	94	89	104	98	93	88	94	90	86	91	87	84	88	85	83	81
3	99	90	83	78	96	88	82	77	86	80	76	83	78	75	80	77	73	71
4	92	82	74	69	90	81	74	68	78	72	67	76	71	67	74	69	66	64
5	86	75	67	61	84	74	66	61	72	65	60	70	64	60	68	63	59	57
6	80	69	61	55	78	68	60	55	66	59	55	64	59	54	73	58	54	52
7	75	63	55	50	74	62	55	50	61	54	50	60	54	49	58	53	49	47
8	71	59	51	46	69	58	51	46	57	50	45	55	49	45	54	49	45	43
9	66	54	47	42	65	54	47	42	53	46	42	52	46	41	51	45	41	40
10	63	51	43	39	61	50	43	39	59	43	38	48	42	38	47	42	38	37

► **Zonal Lumen Summary**

Zone	Lumens	Zone	Lumens	% of Fixture
0° - 10°	212.4	0° - 30°	1,731.4	44.5
10° - 20°	602.2	0° - 40°	2,773.4	71.3
20° - 30°	916.8	0° - 60°	3,516.4	90.4
30° - 40°	1,042.0	0° - 90°	3,890.0	100
40° - 50°	397.7	90° - 120°	0	0
50° - 60°	345.3	90° - 130°	0	0
60° - 70°	247.2	90° - 150°	0	0
70° - 80°	110.7	90° - 180°	0	0
80° - 90°	15.7	0° - 180°	3,890.0	100
90° - 180°	0			
Total	3,890.0			

► **Candela Distribution Array**

Vertical Angle	Horizontal Angle		
	0°	45°	90°
0°	2,254.7	2,254.7	2,254.7
5°	2,238.6	2,241.3	2,237.9
15°	2,114.8	2,139.3	2,151.1
25°	1,955.7	1,995.8	2,030.3
35°	1,772.2	1,801.8	1,697.9
45°	417.8	454.5	476.5
55°	351.8	388.3	405.6
65°	229.3	253.7	268.6
75°	95.9	104.8	115.7
85°	7.3	8.1	13.2
90°	0.3	2.0	0.4

► **Luminance Data (Cd/m²)**

Vertical Angle	Average 0°	Average 45°	Average 90°
45°	2,514.0	2,734.0	2,867.0
55°	2,609.0	2,880.0	3,008.0
65°	2,308.0	2,554.0	2,703.0
75°	1,576.0	1,723.0	1,902.0
85°	356.0	393.0	645.0

► **Spectral Power Distribution**

