

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P568326

Luminaire Tested: **14CGTX-30-L935**

Issue Date: 9/19/2022



Test Information

Test Method: LM-79-08
Report Number: P568326
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2206-672-22)
Test Lab: INNOVATION CENTER
Issue Date: 9/19/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 14CGTX-30-L935
Description: 1X4 3000 LUMEN LED PANEL WITH SMOOTH WHITE FROSTED ACRYLIC LENS AND 3500K, 90CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

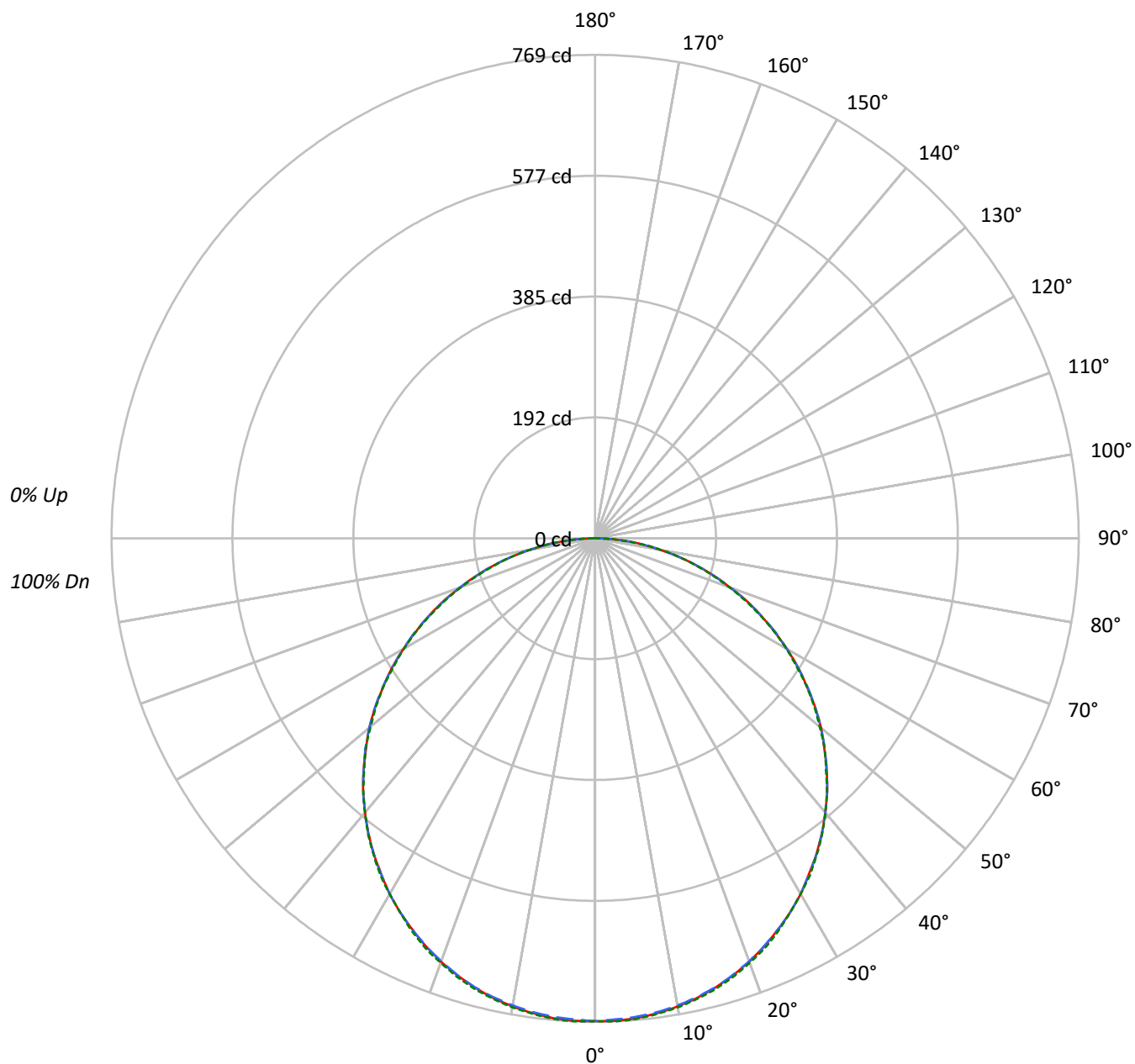
Lumens per Lamp: N/A
Luminaire Lumens: 2271.0 lumens
Efficiency: N/A
Efficacy: 95.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.27 / 1.38
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 23.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83		
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	68		
3	89	79	70	63	87	77	69	63	74	67	62	71	65	61	69	64	60	57		
4	82	69	60	54	79	68	60	53	66	58	52	63	57	52	61	56	51	49		
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42		
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37		
7	64	50	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32		
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	42	35	31	29		
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26		
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2067	2067	2067
5°	2070	2063	2073
10°	2066	2062	2070
15°	2061	2059	2067
20°	2052	2051	2058
25°	2040	2040	2047
30°	2031	2030	2031
35°	2015	2016	2019
40°	2000	2000	2000
45°	1982	1980	1975
50°	1963	1963	1951
55°	1929	1934	1926
60°	1894	1894	1890
65°	1854	1852	1841
70°	1793	1802	1782
75°	1736	1739	1716
80°	1613	1640	1640
85°	1519	1504	1476



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.8	3.2
10°-20°	208.9	9.2
20°-30°	317.2	14.0
30°-40°	384.1	16.9
40°-50°	401.8	17.7
50°-60°	368.0	16.2
60°-70°	287.8	12.7
70°-80°	176.0	7.8
80°-90°	54.2	2.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	599.0	26.4
0°-40°	983.1	43.3
0°-60°	1752.9	77.2
0°-90°	2271.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2271.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	768	768	768	768	768	
5°	766	766	764	766	767	73
15°	740	740	739	741	742	209
25°	687	688	687	689	689	317
35°	613	614	614	614	614	384
45°	521	522	520	520	519	402
55°	411	414	412	411	411	368
65°	291	292	291	290	289	288
75°	167	166	167	166	165	176
85°	49	48	49	48	48	55
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	768.2	768.2	768.2	768.2	768.2
2.5°	768.2	768.2	765.9	768.8	769.3
5°	766.2	766.2	763.9	766.5	767.3
7.5°	761.9	762.2	760.2	762.8	763.1
10°	756.2	756.5	754.5	757.4	757.7
12.5°	749.1	749.4	747.7	750.3	750.5
15°	739.7	740.3	739.2	741.2	742.0
17.5°	728.9	729.8	728.4	730.9	731.2
20°	716.7	717.0	716.1	718.1	718.7
22.5°	702.7	703.6	702.2	704.7	705.6
25°	687.1	688.5	687.1	688.8	689.4
27.5°	671.2	672.3	671.2	672.0	671.4
30°	653.5	653.8	653.2	653.5	653.5
32.5°	633.0	634.2	633.6	635.0	635.6
35°	613.4	613.7	613.7	614.5	614.5
37.5°	592.1	592.1	592.4	593.2	593.2
40°	569.3	569.9	569.3	569.9	569.3
42.5°	546.3	546.0	546.3	546.5	545.7
45°	520.7	521.5	520.4	520.4	519.0
47.5°	494.2	495.9	495.6	494.8	495.1
50°	468.9	469.4	468.9	468.0	466.0
52.5°	440.7	442.4	441.0	441.3	439.0
55°	411.1	414.0	412.3	411.1	410.6
57.5°	383.0	383.8	382.1	380.7	379.8
60°	351.9	353.1	351.9	350.8	351.1
62.5°	321.5	323.2	323.5	321.2	320.6
65°	291.1	292.5	290.8	289.6	289.1
67.5°	261.5	261.2	259.8	258.3	257.8
70°	227.9	229.9	229.0	229.3	226.5
72.5°	198.0	198.3	197.5	197.5	195.2
75°	167.0	166.2	167.3	166.2	165.0
77.5°	136.3	137.1	136.9	135.4	136.6
80°	104.1	105.3	105.8	104.7	105.8
82.5°	77.1	77.1	76.8	76.8	76.0
85°	49.2	47.5	48.7	47.5	47.8
87.5°	22.5	22.2	21.1	21.9	21.6
90°	0.0	0.0	0.0	0.0	0.0



Report Generated By 670246072 / DESKTOP-MV3F9LC





— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)