

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: P568394

Luminaire Tested: **22CGTX-35-L930**

Issue Date: 9/19/2022



Test Information

Test Method: LM-79-08
Report Number: P568394
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2205-645-17)
Test Lab: INNOVATION CENTER
Issue Date: 9/19/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 22CGTX-35-L930
Description: 2X2 3500 LUMEN LED PANEL WITH SMOOTH WHITE FROSTED ACRYLIC LENS AND 3000K, 90CRI LEDS
Light Source: -
Ballast/Driver: -

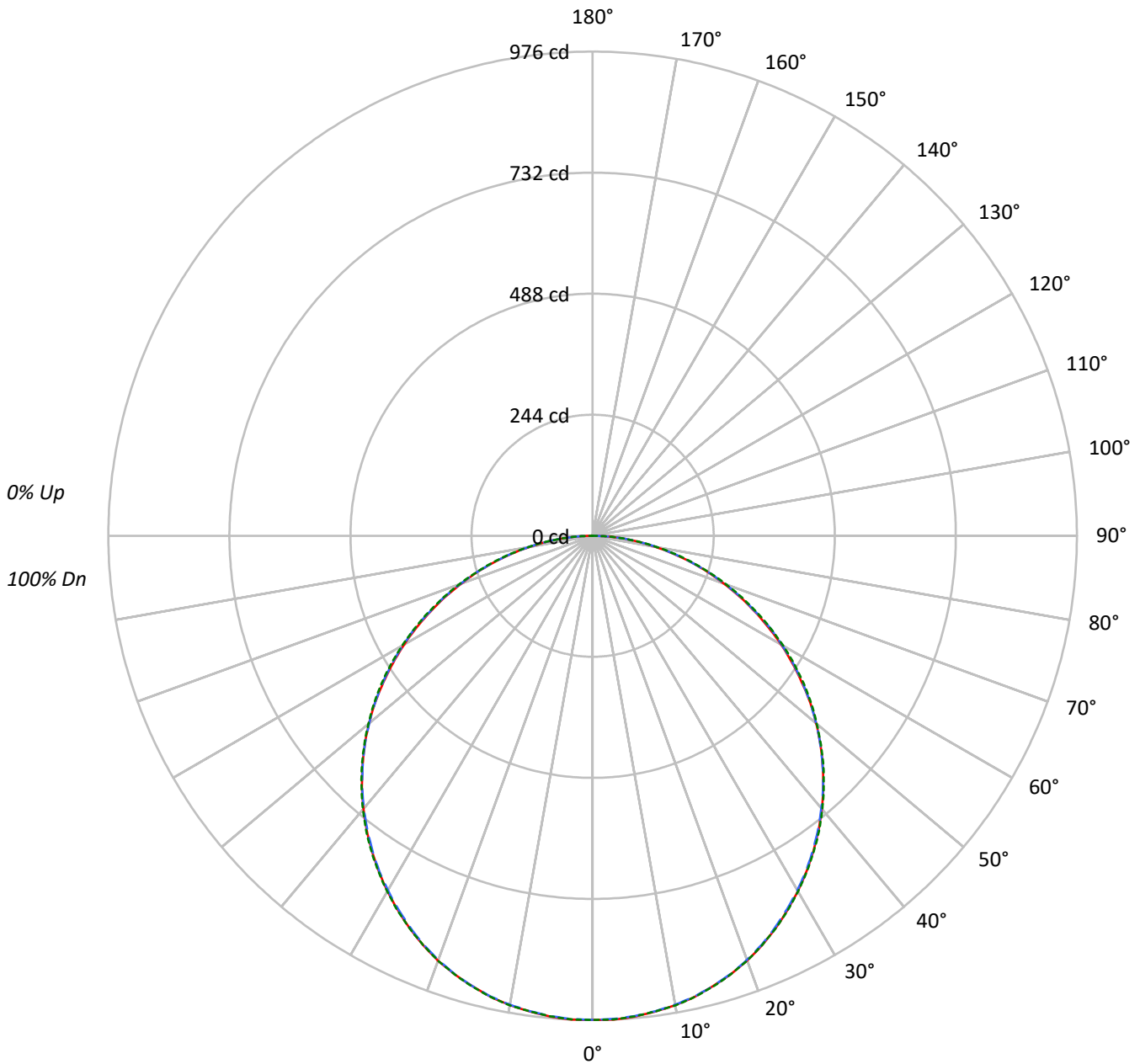
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2856.0 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 27.9
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
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	94	90	93	90	88	89	87	85	83			
2	98	90	83	77	96	88	81	76	84	79	74	81	77	73	78	74	71	69			
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	58			
4	82	70	61	54	80	68	60	53	66	58	53	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	45	39	50	44	39	37			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33			
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	29			
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26			
10	52	39	31	26	51	39	31	26	38	30	26	37	30	25	36	30	25	24			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2626	2626	2626
5°	2628	2625	2627
10°	2625	2623	2627
15°	2617	2617	2620
20°	2609	2605	2609
25°	2591	2586	2593
30°	2570	2564	2573
35°	2548	2543	2553
40°	2524	2519	2530
45°	2496	2494	2504
50°	2463	2461	2469
55°	2413	2420	2436
60°	2361	2371	2386
65°	2291	2306	2325
70°	2211	2234	2253
75°	2123	2139	2164
80°	1996	2019	2035
85°	1815	1831	1862



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.4	3.2
10°-20°	265.1	9.3
20°-30°	401.7	14.1
30°-40°	485.2	17.0
40°-50°	506.2	17.7
50°-60°	461.7	16.2
60°-70°	358.8	12.6
70°-80°	217.7	7.6
80°-90°	67.1	2.3
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°	759.3	26.6
0°-40°	1244.5	43.6
0°-60°	2212.4	77.5
0°-90°	2856.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2856.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	976	976	976	976	976	
5°	973	972	972	972	972	92
15°	939	939	939	939	940	265
25°	873	871	871	872	873	402
35°	776	774	774	777	777	485
45°	656	655	655	658	658	506
55°	514	515	516	517	519	460
65°	360	361	362	364	365	356
75°	204	204	206	208	208	216
85°	59	59	59	61	60	66
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	975.8	975.8	975.8	975.8	975.8
2.5°	976.3	974.9	974.9	974.4	975.8
5°	972.9	971.5	971.9	971.5	972.4
7.5°	967.1	966.1	966.6	966.1	967.1
10°	960.8	959.8	959.8	959.8	961.3
12.5°	952.0	951.0	951.0	951.0	952.0
15°	939.4	939.4	939.4	939.4	940.3
17.5°	926.7	925.3	925.8	925.3	926.7
20°	911.2	909.2	909.7	909.7	911.2
22.5°	893.2	891.2	891.7	891.7	892.7
25°	872.8	870.8	870.8	872.3	873.2
27.5°	850.4	848.9	848.4	850.9	851.4
30°	827.1	826.1	825.1	827.5	828.0
32.5°	802.3	801.3	800.8	803.2	803.2
35°	775.5	774.5	774.1	777.0	777.0
37.5°	747.8	747.3	746.3	749.3	749.7
40°	718.6	717.7	717.2	720.1	720.1
42.5°	688.0	687.0	687.5	689.9	689.5
45°	655.9	655.4	655.4	658.3	657.9
47.5°	622.8	621.9	622.4	625.3	624.3
50°	588.3	587.3	587.8	590.8	589.8
52.5°	552.8	551.9	552.8	555.7	555.7
55°	514.4	515.4	515.9	517.3	519.3
57.5°	477.0	477.5	479.4	480.4	481.8
60°	438.6	439.5	440.5	442.5	443.4
62.5°	399.2	400.6	403.6	403.6	404.5
65°	359.8	360.8	362.2	363.7	365.1
67.5°	320.9	321.4	323.8	324.3	325.8
70°	281.0	281.5	284.0	284.4	286.4
72.5°	243.1	242.6	244.6	247.0	247.0
75°	204.2	203.7	205.7	207.6	208.1
77.5°	166.3	165.8	167.3	169.7	169.7
80°	128.8	129.8	130.3	132.3	131.3
82.5°	92.9	93.4	93.8	95.3	94.3
85°	58.8	59.3	59.3	60.8	60.3
87.5°	27.7	27.2	27.2	28.2	27.7
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)