

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: P568455

Luminaire Tested: **24CGTX-30HE-L935**

Issue Date: 9/19/2022

**Test Information**

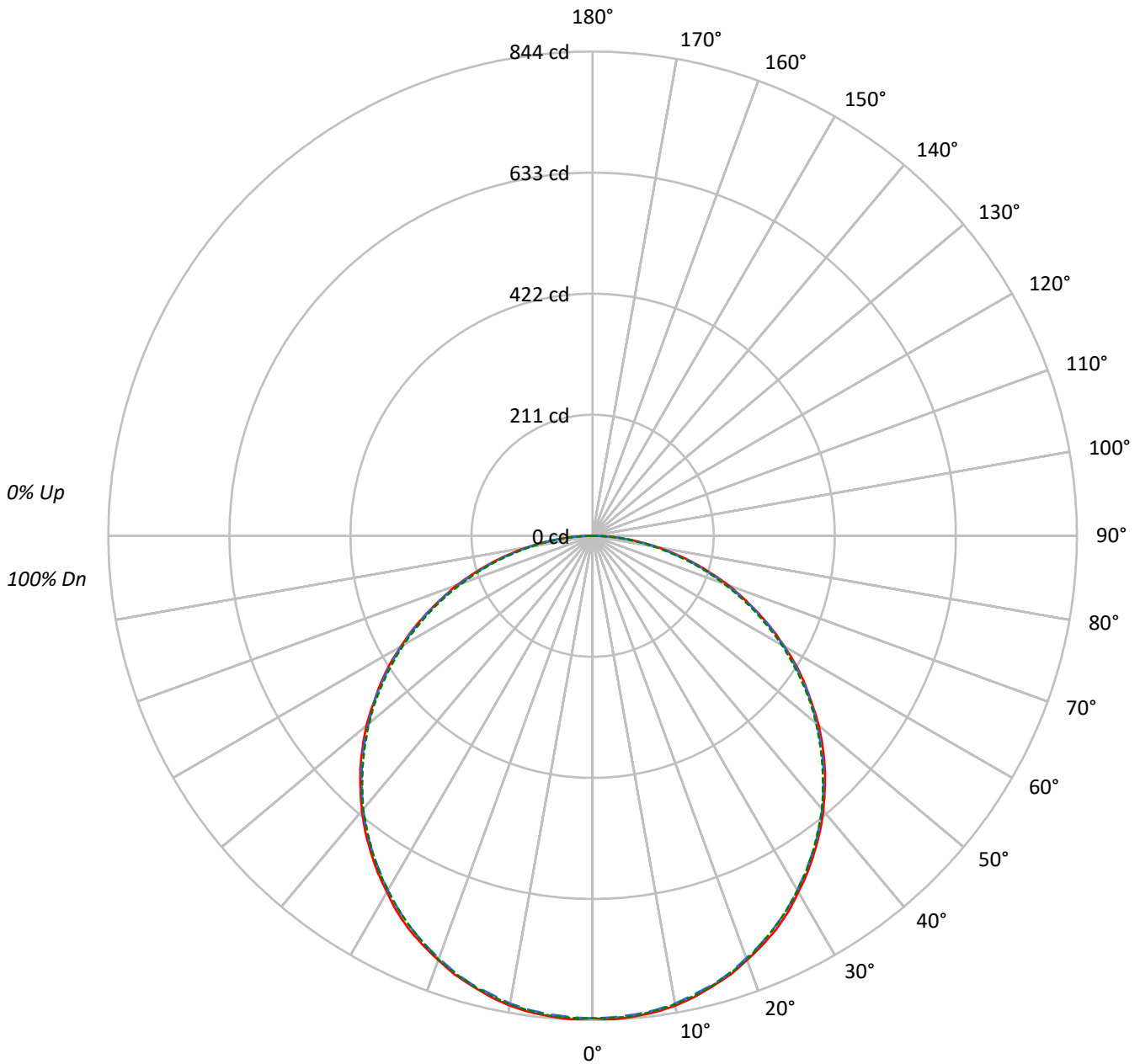
Test Method: LM-79-08  
Report Number: P568455  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2206-672-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/19/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 24CGTX-30HE-L935  
Description: 2X4 3000 LUMEN, HIGH EFFICACY, LED PANEL WITH SMOOTH WHITE FROSTED ACRYLIC LENS AND 3500K, 90CRI LEDS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2472.0 lumens  
Efficiency: N/A  
Efficacy: 110.9 lumens/watt  
Spacing Criteria (0/90/45): 1.27 / 1.26 / 1.38  
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 22.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	76	72	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	79	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	32								
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	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	38	31	26	37	30	26	37	30	25	36	30	25	23								

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	1132	1132	1132
5°	1136	1131	1135
10°	1136	1131	1133
15°	1131	1128	1130
20°	1127	1122	1125
25°	1124	1117	1117
30°	1114	1109	1109
35°	1107	1101	1101
40°	1099	1092	1092
45°	1089	1083	1078
50°	1077	1067	1065
55°	1060	1055	1046
60°	1038	1035	1025
65°	1013	1009	994
70°	991	972	953
75°	952	927	909
80°	896	878	841
85°	818	800	763



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	79.7	3.2
10°-20°	228.6	9.2
20°-30°	346.9	14.0
30°-40°	419.7	17.0
40°-50°	438.4	17.7
50°-60°	401.1	16.2
60°-70°	312.2	12.6
70°-80°	188.1	7.6
80°-90°	57.3	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°	655.2	26.5
0°-40°	1074.9	43.5
0°-60°	1914.4	77.4
0°-90°	2472.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2472.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	841	841	841	841	841	
5°	841	839	838	838	840	80
15°	812	810	810	809	811	229
25°	757	753	752	751	752	349
35°	674	671	670	670	670	422
45°	572	569	569	566	566	441
55°	452	451	450	446	446	404
65°	318	318	317	312	312	315
75°	183	181	178	175	175	193
85°	53	52	52	49	49	59
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	841.2	841.2	841.2	841.2	841.2
2.5°	843.7	841.2	840.0	840.0	841.2
5°	841.2	838.8	837.6	837.6	840.0
7.5°	837.6	834.0	834.0	832.8	835.2
10°	831.6	828.0	828.0	826.8	829.2
12.5°	823.2	819.6	818.3	818.3	820.8
15°	812.3	809.9	809.9	808.7	811.1
17.5°	801.5	797.9	797.9	796.7	799.1
20°	787.0	784.6	783.4	783.4	785.8
22.5°	772.6	770.1	768.9	768.9	768.9
25°	756.9	753.3	752.1	750.9	752.1
27.5°	738.8	734.0	734.0	732.8	734.0
30°	717.1	714.7	713.5	712.3	713.5
32.5°	696.6	693.0	691.8	693.0	693.0
35°	673.7	671.3	670.1	670.1	670.1
37.5°	650.8	647.2	647.2	646.0	646.0
40°	625.5	623.1	621.9	621.9	621.9
42.5°	599.0	596.6	595.4	594.2	594.2
45°	572.5	568.9	568.9	566.5	566.5
47.5°	543.6	541.1	539.9	537.5	537.5
50°	514.6	512.2	509.8	509.8	508.6
52.5°	482.1	482.1	480.9	478.5	478.5
55°	452.0	450.8	449.6	445.9	445.9
57.5°	420.6	419.4	417.0	413.4	413.4
60°	385.7	385.7	384.5	379.6	380.9
62.5°	353.1	351.9	350.7	347.1	345.9
65°	318.2	318.2	317.0	312.2	312.2
67.5°	284.4	284.4	282.0	277.2	277.2
70°	251.9	248.3	247.1	243.5	242.3
72.5°	215.7	214.5	212.1	208.5	208.5
75°	183.2	180.8	178.4	174.8	174.8
77.5°	148.2	145.8	143.4	142.2	139.8
80°	115.7	114.5	113.3	109.7	108.5
82.5°	83.2	82.0	80.8	79.5	78.3
85°	53.0	51.8	51.8	49.4	49.4
87.5°	22.9	24.1	21.7	22.9	21.7
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)