

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: CORELITE

Report Number: P701687

Luminaire Tested: **RX-WO-60HB2750-UNV-24_2700K**

Issue Date: 8/21/2023



Test Information

Test Method: LM-79-08
Report Number: P701687
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-133-13)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 8/21/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: RX-WO-60HB2750-UNV-24_2700K
Description: 2X4 6000 LUMEN CLASS RX TROFFER WITH BIO UP LEDS AT 2700K CCT AND ROUND LENS

Light Source: -
Ballast/Driver: -

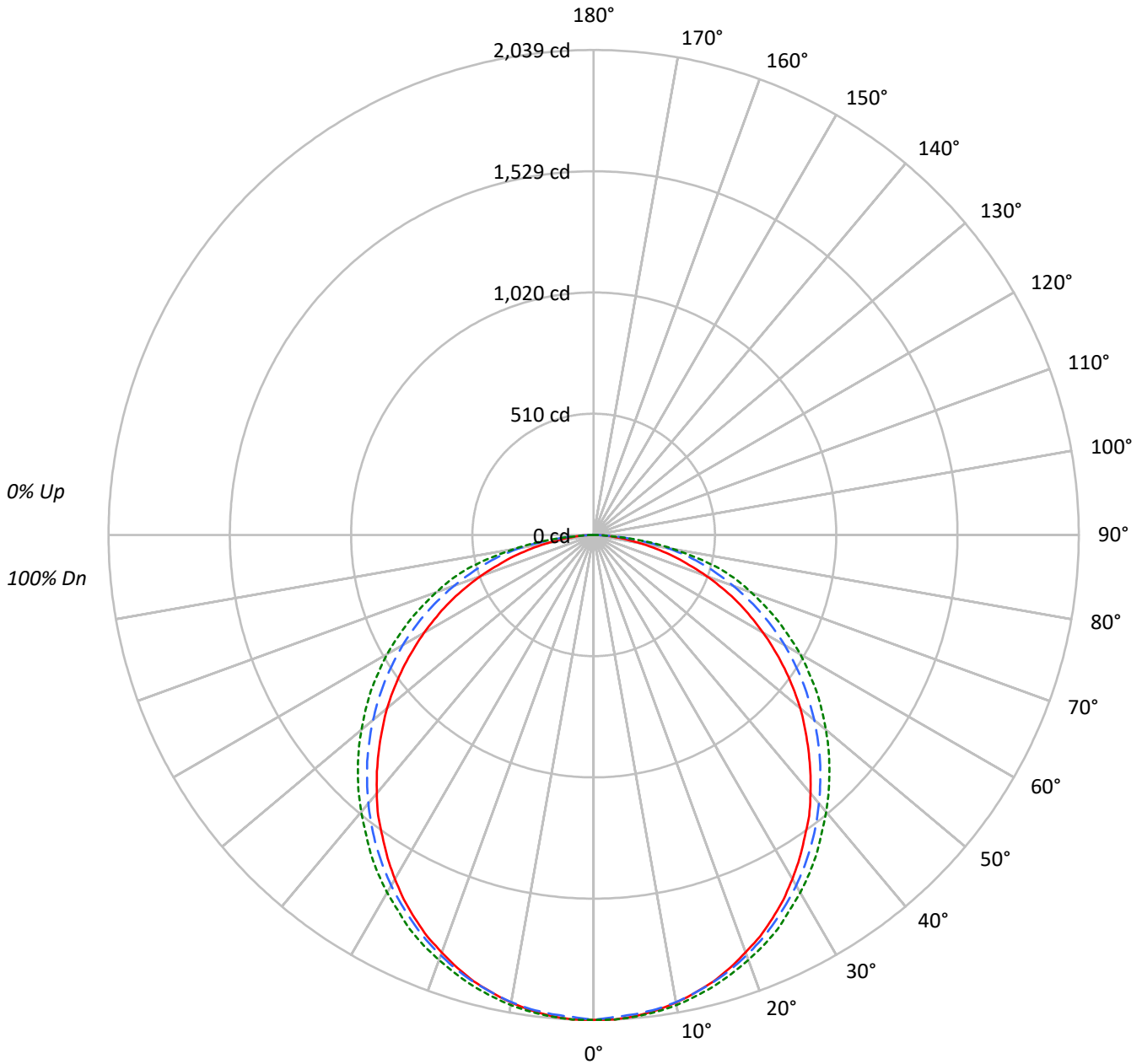
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5936.0 lumens
Efficiency: N/A
Efficacy: 131.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.37
Luminous Opening: Rectangular (W 1.92' x L: 3.98' x H: 0')
CIE Type: Direct

Input Watts (W): 45
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									
RC	80									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	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	78	70	63	87	77	69	63	74	67	62	71	65	61	68	64	60	57																			
4	82	69	60	54	79	68	60	53	65	58	52	63	57	52	61	55	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	39	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°	2878	2878	2878
5°	2877	2865	2880
10°	2862	2859	2877
15°	2840	2843	2868
20°	2805	2824	2856
25°	2770	2799	2849
30°	2722	2774	2829
35°	2666	2747	2816
40°	2613	2714	2800
45°	2547	2687	2797
50°	2490	2658	2797
55°	2410	2634	2811
60°	2322	2615	2830
65°	2230	2591	2853
70°	2082	2572	2904
75°	1896	2578	2994
80°	1568	2550	2757
85°	1202	2026	1956



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.8	3.2
10°-20°	550.6	9.3
20°-30°	830.5	14.0
30°-40°	997.1	16.8
40°-50°	1037.0	17.5
50°-60°	953.7	16.1
60°-70°	760.1	12.8
70°-80°	481.6	8.1
80°-90°	132.5	2.2
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°	1573.9	26.5
0°-40°	2571.1	43.3
0°-60°	4561.8	76.8
0°-90°	5936.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5936.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2039	2039	2039	2039	2039	
5°	2031	2031	2022	2033	2033	193
15°	1944	1944	1946	1961	1963	548
25°	1779	1787	1798	1823	1830	819
35°	1548	1564	1594	1624	1634	969
45°	1276	1304	1346	1388	1401	985
55°	979	1011	1070	1124	1143	875
65°	668	702	776	835	854	658
75°	348	392	473	532	549	366
85°	74	106	125	123	121	89
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2039.3	2039.3	2039.3	2039.3	2039.3
2.5°	2039.3	2039.3	2028.7	2039.3	2039.3
5°	2030.9	2030.9	2022.4	2033.0	2033.0
7.5°	2016.0	2018.1	2011.8	2022.4	2022.4
10°	1996.9	1999.1	1994.8	2007.5	2007.5
12.5°	1971.5	1973.6	1971.5	1986.3	1986.3
15°	1943.9	1943.9	1946.1	1960.9	1963.0
17.5°	1907.9	1912.1	1916.4	1933.3	1933.3
20°	1867.6	1874.0	1880.3	1901.5	1901.5
22.5°	1827.3	1833.7	1842.2	1863.4	1867.6
25°	1778.6	1787.1	1797.7	1823.1	1829.5
27.5°	1727.7	1734.1	1751.0	1778.6	1780.7
30°	1670.5	1681.1	1702.3	1729.8	1736.2
32.5°	1611.1	1626.0	1649.3	1681.1	1687.4
35°	1547.5	1564.5	1594.2	1623.8	1634.4
37.5°	1488.2	1500.9	1534.8	1568.7	1575.1
40°	1418.2	1437.3	1473.3	1511.5	1520.0
42.5°	1348.2	1369.4	1409.7	1447.9	1462.7
45°	1276.2	1303.7	1346.1	1388.5	1401.2
47.5°	1204.1	1233.8	1278.3	1324.9	1339.8
50°	1134.1	1161.7	1210.5	1259.2	1274.1
52.5°	1055.7	1087.5	1140.5	1193.5	1208.3
55°	979.4	1011.2	1070.5	1123.5	1142.6
57.5°	901.0	937.0	998.5	1053.6	1070.5
60°	822.5	860.7	926.4	981.5	1002.7
62.5°	744.1	780.1	852.2	907.3	926.4
65°	667.8	701.7	775.9	835.2	854.3
67.5°	585.1	623.2	699.6	761.0	778.0
70°	504.5	542.7	623.2	686.8	703.8
72.5°	421.9	466.4	546.9	608.4	631.7
75°	347.7	392.2	472.7	532.1	549.1
77.5°	269.2	313.7	396.4	438.8	440.9
80°	192.9	243.8	313.7	330.7	339.2
82.5°	127.2	176.0	216.2	237.4	237.4
85°	74.2	106.0	125.1	123.0	120.8
87.5°	27.6	36.0	29.7	21.2	14.8
90°	0.0	0.0	0.0	0.0	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180° - - 45°-225° - - - - 90°-270°







(END OF REPORT)