

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: P701691

Luminaire Tested: **RX-WO-60HB2750-UNV-24\_5000K**

Issue Date: 8/21/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P701691  
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\_5000K  
Description: 2X4 6000 LUMEN CLASS RX TROFFER WITH BIO UP LEDS AT 5000K CCT AND ROUND LENS  
  
Light Source: -  
Ballast/Driver: -

**Summary**

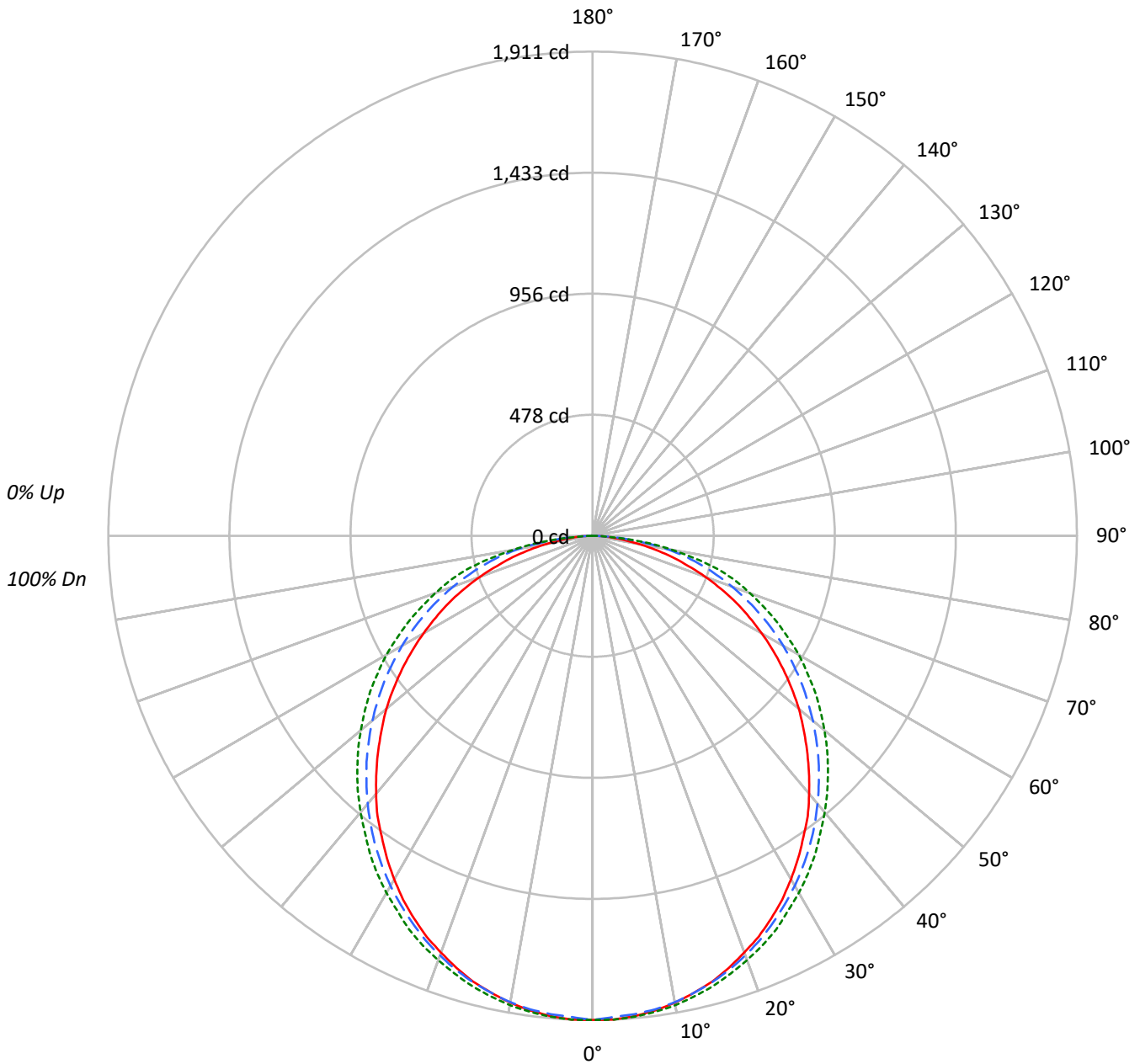
Lumens per Lamp: N/A  
Luminaire Lumens: 5563.0 lumens  
Efficiency: N/A  
Efficacy: 123.6 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.37  
Luminous Opening: Rectangular (W 1.92' x L: 3.98' x H: 0')  
CIE Type: Direct

Input Watts (W): 45  
Input Voltage (V): NR  
Input Current (Ain): 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°	2697	2697	2697
5°	2696	2685	2699
10°	2682	2679	2696
15°	2662	2665	2688
20°	2629	2647	2677
25°	2596	2623	2670
30°	2551	2600	2652
35°	2499	2574	2639
40°	2449	2544	2624
45°	2387	2518	2621
50°	2334	2491	2622
55°	2258	2469	2635
60°	2176	2451	2652
65°	2090	2428	2674
70°	1951	2410	2722
75°	1777	2416	2806
80°	1469	2390	2584
85°	1125	1898	1833



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	180.7	3.2
10°-20°	516.0	9.3
20°-30°	778.4	14.0
30°-40°	934.5	16.8
40°-50°	971.8	17.5
50°-60°	893.8	16.1
60°-70°	712.3	12.8
70°-80°	451.4	8.1
80°-90°	124.1	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°	1475.0	26.5
0°-40°	2409.5	43.3
0°-60°	4275.1	76.8
0°-90°	5563.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5563.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1911	1911	1911	1911	1911	
5°	1903	1903	1895	1905	1905	181
15°	1822	1822	1824	1838	1840	513
25°	1667	1675	1685	1708	1714	768
35°	1450	1466	1494	1522	1532	908
45°	1196	1222	1262	1301	1313	923
55°	918	948	1003	1053	1071	820
65°	626	658	727	783	801	617
75°	326	368	443	499	514	343
85°	70	99	117	115	113	83
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1911.2	1911.2	1911.2	1911.2	1911.2
2.5°	1911.2	1911.2	1901.3	1911.2	1911.2
5°	1903.2	1903.2	1895.3	1905.2	1905.2
7.5°	1889.3	1891.3	1885.4	1895.3	1895.3
10°	1871.5	1873.4	1869.5	1881.4	1881.4
12.5°	1847.6	1849.6	1847.6	1861.5	1861.5
15°	1821.8	1821.8	1823.8	1837.7	1839.7
17.5°	1788.0	1792.0	1796.0	1811.9	1811.9
20°	1750.3	1756.2	1762.2	1782.1	1782.1
22.5°	1712.5	1718.5	1726.4	1746.3	1750.3
25°	1666.8	1674.8	1684.7	1708.5	1714.5
27.5°	1619.1	1625.1	1641.0	1666.8	1668.8
30°	1565.5	1575.4	1595.3	1621.1	1627.1
32.5°	1509.9	1523.8	1545.6	1575.4	1581.4
35°	1450.3	1466.2	1494.0	1521.8	1531.7
37.5°	1394.6	1406.6	1438.4	1470.1	1476.1
40°	1329.1	1347.0	1380.7	1416.5	1424.4
42.5°	1263.5	1283.4	1321.1	1356.9	1370.8
45°	1196.0	1221.8	1261.5	1301.3	1313.2
47.5°	1128.4	1156.2	1198.0	1241.7	1255.6
50°	1062.9	1088.7	1134.4	1180.1	1194.0
52.5°	989.4	1019.2	1068.8	1118.5	1132.4
55°	917.8	947.6	1003.3	1052.9	1070.8
57.5°	844.3	878.1	935.7	987.4	1003.3
60°	770.8	806.6	868.2	919.8	939.7
62.5°	697.3	731.1	798.6	850.3	868.2
65°	625.8	657.6	727.1	782.8	800.6
67.5°	548.3	584.1	655.6	713.2	729.1
70°	472.8	508.6	584.1	643.7	659.6
72.5°	395.3	437.1	512.6	570.2	592.0
75°	325.8	367.5	443.0	498.7	514.5
77.5°	252.3	294.0	371.5	411.2	413.2
80°	180.8	228.5	294.0	309.9	317.9
82.5°	119.2	164.9	202.6	222.5	222.5
85°	69.5	99.3	117.2	115.2	113.2
87.5°	25.8	33.8	27.8	19.9	13.9
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)