

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: P701688

Luminaire Tested: **RX-WO-60HB2750-UNV-24\_3000K**

Issue Date: 8/21/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P701688  
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\_3000K  
Description: 2X4 6000 LUMEN CLASS RX TROFFER WITH BIO UP LEDS AT 3000K CCT AND ROUND LENS  
  
Light Source: -  
Ballast/Driver: -

**Summary**

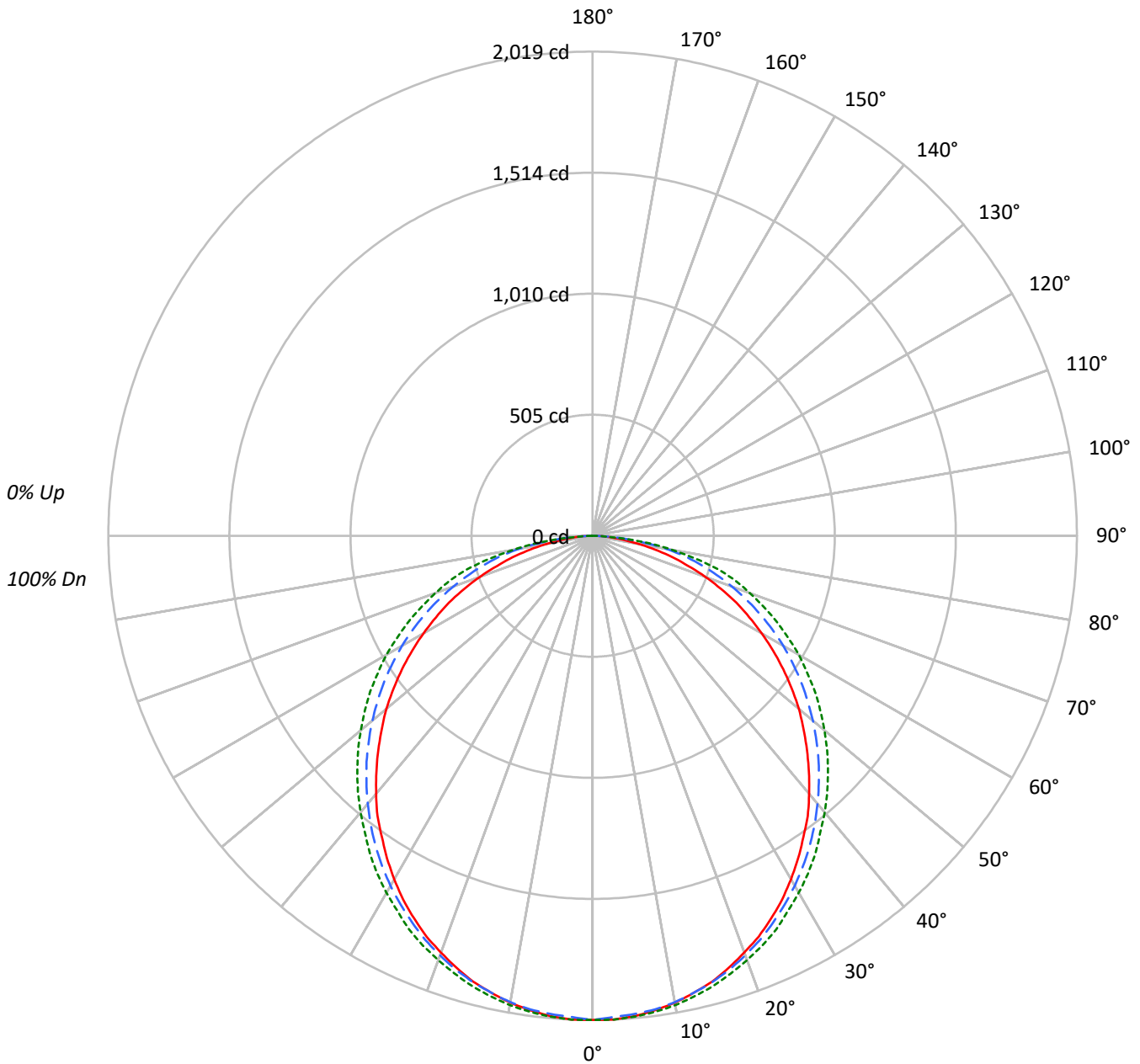
Lumens per Lamp: N/A  
Luminaire Lumens: 5877.0 lumens  
Efficiency: N/A  
Efficacy: 130.6 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.37  
Luminous Opening: Rectangular (W 1.92' x L: 3.98' x H: 0')  
CIE Type: Direct

Input Watts (W): 45  
Input Voltage (V): NR  
Input Current (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	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°	2850	2850	2850
5°	2849	2837	2852
10°	2833	2830	2848
15°	2812	2815	2840
20°	2777	2796	2828
25°	2742	2772	2821
30°	2695	2746	2801
35°	2640	2719	2788
40°	2587	2687	2773
45°	2522	2660	2769
50°	2466	2631	2770
55°	2386	2608	2784
60°	2299	2589	2802
65°	2208	2565	2825
70°	2061	2546	2875
75°	1877	2552	2964
80°	1552	2524	2729
85°	1190	2005	1937



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	190.9	3.2
10°-20°	545.1	9.3
20°-30°	822.3	14.0
30°-40°	987.2	16.8
40°-50°	1026.7	17.5
50°-60°	944.2	16.1
60°-70°	752.6	12.8
70°-80°	476.9	8.1
80°-90°	131.2	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°	1558.3	26.5
0°-40°	2545.5	43.3
0°-60°	4516.4	76.8
0°-90°	5877.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5877.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2019	2019	2019	2019	2019	
5°	2011	2011	2002	2013	2013	191
15°	1925	1925	1927	1941	1944	542
25°	1761	1769	1780	1805	1811	811
35°	1532	1549	1578	1608	1618	960
45°	1264	1291	1333	1375	1387	976
55°	970	1001	1060	1112	1131	867
65°	661	695	768	827	846	652
75°	344	388	468	527	544	362
85°	74	105	124	122	120	88
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2019.1	2019.1	2019.1	2019.1	2019.1
2.5°	2019.1	2019.1	2008.6	2019.1	2019.1
5°	2010.7	2010.7	2002.3	2012.8	2012.8
7.5°	1996.0	1998.1	1991.8	2002.3	2002.3
10°	1977.1	1979.2	1975.0	1987.6	1987.6
12.5°	1951.9	1954.0	1951.9	1966.6	1966.6
15°	1924.6	1924.6	1926.7	1941.4	1943.5
17.5°	1888.9	1893.1	1897.3	1914.1	1914.1
20°	1849.1	1855.4	1861.6	1882.6	1882.6
22.5°	1809.2	1815.5	1823.9	1844.9	1849.1
25°	1760.9	1769.3	1779.8	1805.0	1811.3
27.5°	1710.5	1716.8	1733.6	1760.9	1763.0
30°	1653.9	1664.4	1685.3	1712.6	1718.9
32.5°	1595.1	1609.8	1632.9	1664.4	1670.7
35°	1532.1	1548.9	1578.3	1607.7	1618.2
37.5°	1473.4	1486.0	1519.5	1553.1	1559.4
40°	1404.1	1423.0	1458.7	1496.5	1504.9
42.5°	1334.8	1355.8	1395.7	1433.5	1448.2
45°	1263.5	1290.8	1332.7	1374.7	1387.3
47.5°	1192.1	1221.5	1265.6	1311.8	1326.5
50°	1122.9	1150.2	1198.4	1246.7	1261.4
52.5°	1045.2	1076.7	1129.2	1181.6	1196.3
55°	969.7	1001.1	1059.9	1112.4	1131.3
57.5°	892.0	927.7	988.5	1043.1	1059.9
60°	814.3	852.1	917.2	971.8	992.7
62.5°	736.7	772.4	843.7	898.3	917.2
65°	661.1	694.7	768.2	826.9	845.8
67.5°	579.3	617.1	692.6	753.5	770.3
70°	499.5	537.3	617.1	680.0	696.8
72.5°	417.7	461.7	541.5	602.4	625.4
75°	344.2	388.3	468.0	526.8	543.6
77.5°	266.5	310.6	392.5	434.5	436.6
80°	191.0	241.4	310.6	327.4	335.8
82.5°	125.9	174.2	214.1	235.1	235.1
85°	73.5	104.9	123.8	121.7	119.6
87.5°	27.3	35.7	29.4	21.0	14.7
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)