

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: P701633

Luminaire Tested: **RX-WO-30HB2750-UNV-24_3000K**

Issue Date: 8/21/2023



Test Information

Test Method: LM-79-08
Report Number: P701633
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-30HB2750-UNV-24_3000K
Description: 2X4 3000 LUMEN CLASS RX TROFFER WITH BIO UP LEDS AT 3000K CCT AND ROUND LENS

Light Source: -
Ballast/Driver: -

Summary

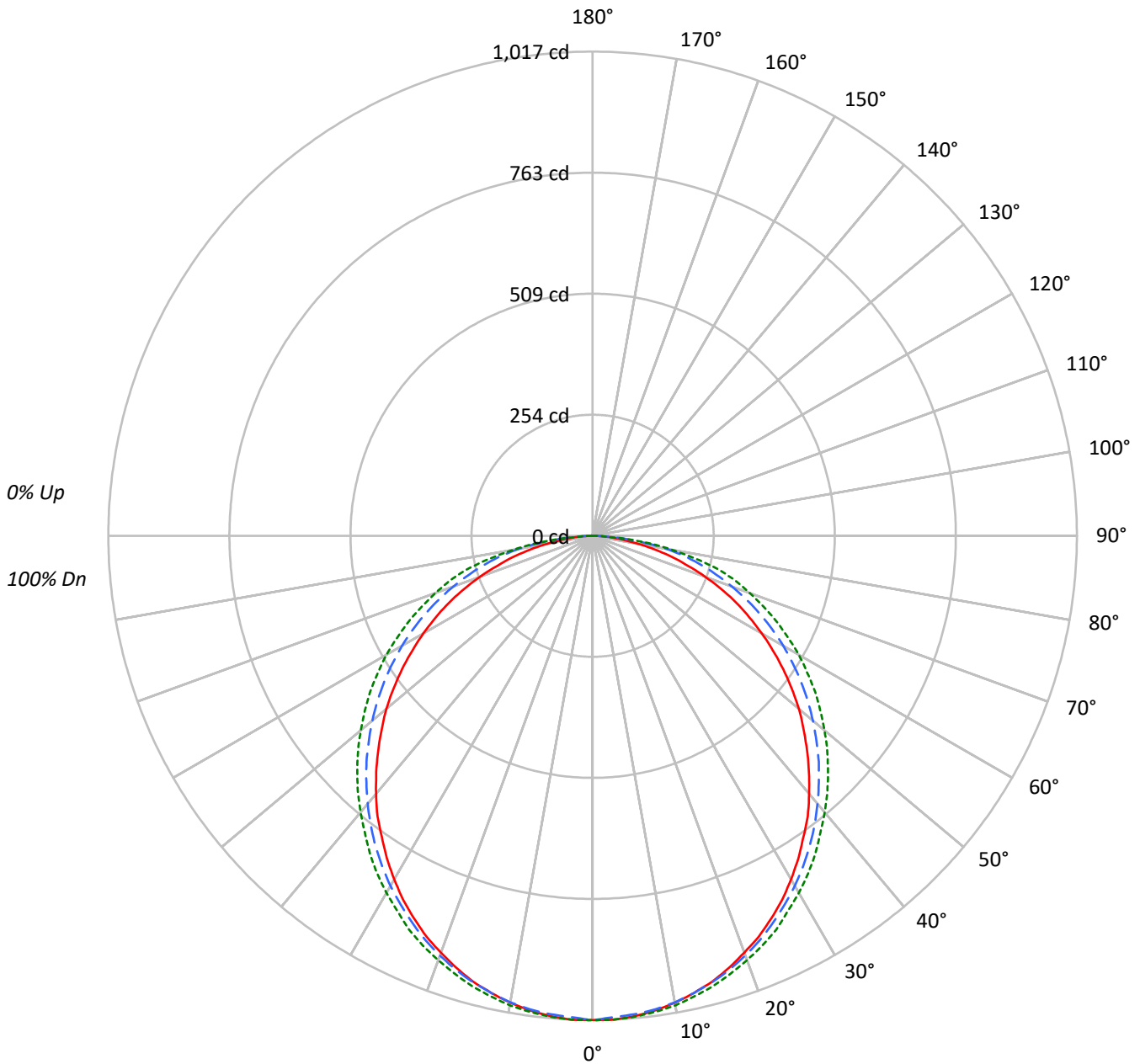
Lumens per Lamp: N/A
Luminaire Lumens: 2961.0 lumens
Efficiency: N/A
Efficacy: 134.6 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.37
Luminous Opening: Rectangular (W 1.92' x L: 3.98' x H: 0')
CIE Type: Direct

Input Watts (W): 22
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°	1436	1436	1436
5°	1435	1429	1437
10°	1428	1426	1435
15°	1417	1418	1431
20°	1399	1409	1425
25°	1382	1396	1421
30°	1358	1384	1411
35°	1330	1370	1405
40°	1303	1354	1397
45°	1271	1340	1395
50°	1242	1326	1395
55°	1202	1314	1403
60°	1158	1304	1412
65°	1112	1292	1423
70°	1039	1283	1449
75°	946	1286	1494
80°	782	1272	1375
85°	599	1010	976



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.2	3.2
10°-20°	274.6	9.3
20°-30°	414.3	14.0
30°-40°	497.4	16.8
40°-50°	517.3	17.5
50°-60°	475.7	16.1
60°-70°	379.2	12.8
70°-80°	240.2	8.1
80°-90°	66.1	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°	785.1	26.5
0°-40°	1282.5	43.3
0°-60°	2275.5	76.8
0°-90°	2961.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2961.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1017	1017	1017	1017	1017	
5°	1013	1013	1009	1014	1014	96
15°	970	970	971	978	979	273
25°	887	891	897	909	913	409
35°	772	780	795	810	815	483
45°	637	650	672	693	699	491
55°	488	504	534	560	570	437
65°	333	350	387	417	426	328
75°	173	196	236	265	274	182
85°	37	53	62	61	60	44
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1017.3	1017.3	1017.3	1017.3	1017.3
2.5°	1017.3	1017.3	1012.0	1017.3	1017.3
5°	1013.0	1013.0	1008.8	1014.1	1014.1
7.5°	1005.6	1006.7	1003.5	1008.8	1008.8
10°	996.1	997.2	995.1	1001.4	1001.4
12.5°	983.4	984.5	983.4	990.8	990.8
15°	969.7	969.7	970.7	978.1	979.2
17.5°	951.7	953.8	955.9	964.4	964.4
20°	931.6	934.8	938.0	948.5	948.5
22.5°	911.5	914.7	918.9	929.5	931.6
25°	887.2	891.4	896.7	909.4	912.6
27.5°	861.8	865.0	873.4	887.2	888.3
30°	833.3	838.6	849.1	862.9	866.0
32.5°	803.7	811.1	822.7	838.6	841.7
35°	771.9	780.4	795.2	810.0	815.3
37.5°	742.3	748.7	765.6	782.5	785.7
40°	707.4	716.9	734.9	754.0	758.2
42.5°	672.5	683.1	703.2	722.2	729.6
45°	636.6	650.3	671.5	692.6	699.0
47.5°	600.6	615.4	637.6	660.9	668.3
50°	565.7	579.5	603.8	628.1	635.5
52.5°	526.6	542.5	568.9	595.3	602.7
55°	488.5	504.4	534.0	560.4	570.0
57.5°	449.4	467.4	498.1	525.5	534.0
60°	410.3	429.3	462.1	489.6	500.2
62.5°	371.2	389.1	425.1	452.6	462.1
65°	333.1	350.0	387.0	416.6	426.1
67.5°	291.9	310.9	349.0	379.6	388.1
70°	251.7	270.7	310.9	342.6	351.1
72.5°	210.4	232.6	272.8	303.5	315.1
75°	173.4	195.6	235.8	265.4	273.9
77.5°	134.3	156.5	197.7	218.9	219.9
80°	96.2	121.6	156.5	165.0	169.2
82.5°	63.4	87.8	107.9	118.4	118.4
85°	37.0	52.9	62.4	61.3	60.3
87.5°	13.7	18.0	14.8	10.6	7.4
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)