

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: P701639

Luminaire Tested: **RX-WO-30LB2750-UNV-24_3500K**

Issue Date: 8/21/2023



Test Information

Test Method: LM-79-08
Report Number: P701639
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-30LB2750-UNV-24_3500K
Description: 2X4 3000 LUMEN CLASS RX TROFFER WITH BIO UP LEDS AT 3500K CCT AND ROUND LENS

Light Source: -
Ballast/Driver: -

Summary

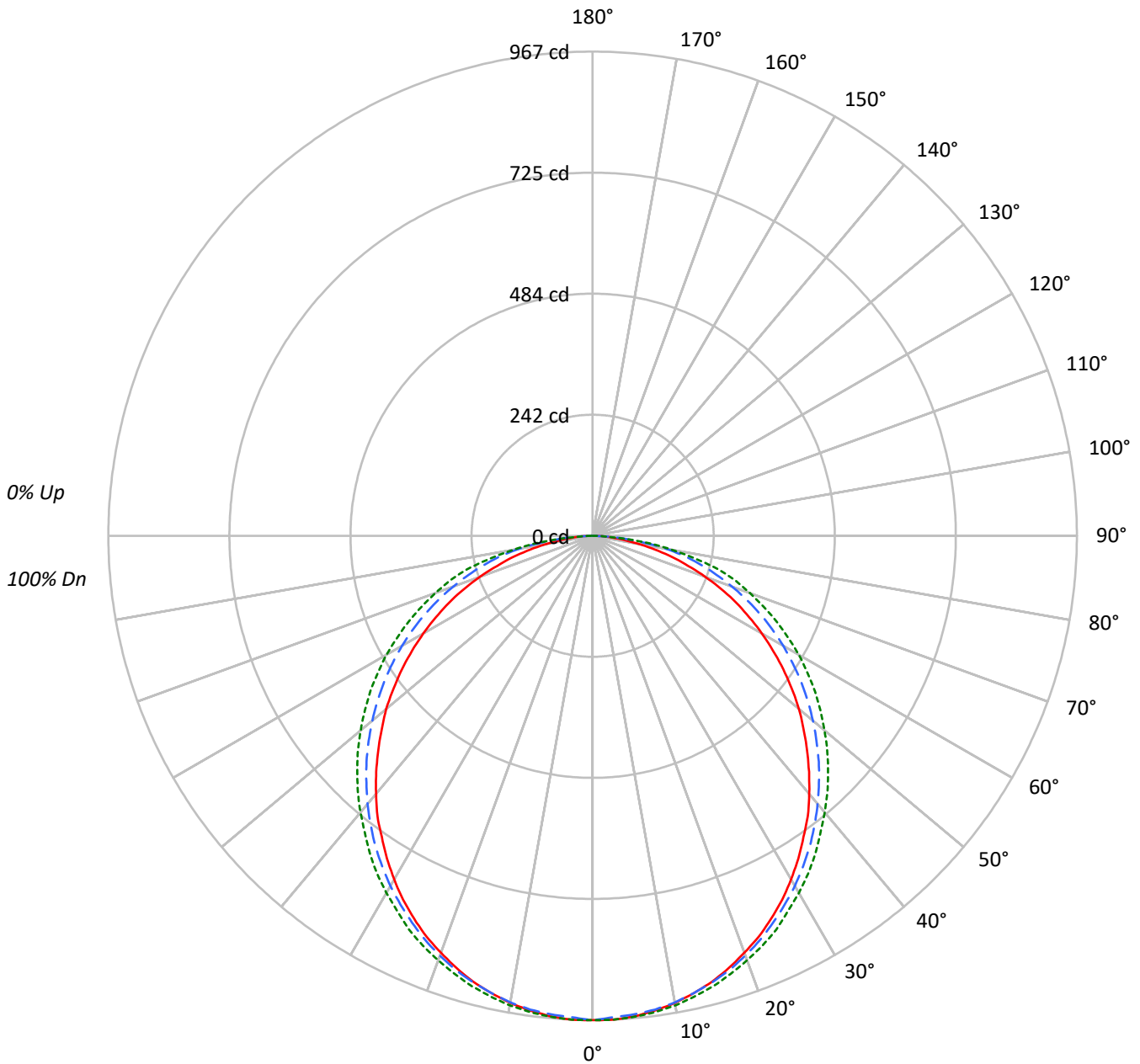
Lumens per Lamp: N/A
Luminaire Lumens: 2816.0 lumens
Efficiency: N/A
Efficacy: 122.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.37
Luminous Opening: Rectangular (W 1.92' x L: 3.98' x H: 0')
CIE Type: Direct

Input Watts (W): 23
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°	1365	1365	1365
5°	1365	1359	1366
10°	1358	1356	1365
15°	1347	1349	1361
20°	1331	1340	1355
25°	1314	1328	1352
30°	1292	1316	1342
35°	1265	1303	1336
40°	1240	1288	1329
45°	1208	1275	1327
50°	1181	1261	1327
55°	1143	1250	1334
60°	1101	1241	1343
65°	1058	1229	1354
70°	987	1220	1378
75°	899	1223	1421
80°	744	1209	1308
85°	570	960	928



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.5	3.2
10°-20°	261.2	9.3
20°-30°	394.0	14.0
30°-40°	473.0	16.8
40°-50°	491.9	17.5
50°-60°	452.4	16.1
60°-70°	360.6	12.8
70°-80°	228.5	8.1
80°-90°	62.8	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°	746.7	26.5
0°-40°	1219.7	43.3
0°-60°	2164.1	76.8
0°-90°	2816.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2816.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	967	967	967	967	967	
5°	963	963	959	964	964	91
15°	922	922	923	930	931	260
25°	844	848	853	865	868	389
35°	734	742	756	770	775	460
45°	605	618	639	659	665	467
55°	465	480	508	533	542	415
65°	317	333	368	396	405	312
75°	165	186	224	252	260	173
85°	35	50	59	58	57	42
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	967.4	967.4	967.4	967.4	967.4
2.5°	967.4	967.4	962.4	967.4	967.4
5°	963.4	963.4	959.4	964.4	964.4
7.5°	956.4	957.4	954.4	959.4	959.4
10°	947.3	948.3	946.3	952.4	952.4
12.5°	935.3	936.3	935.3	942.3	942.3
15°	922.2	922.2	923.2	930.2	931.2
17.5°	905.1	907.1	909.1	917.2	917.2
20°	886.0	889.0	892.0	902.1	902.1
22.5°	866.9	869.9	873.9	884.0	886.0
25°	843.7	847.8	852.8	864.9	867.9
27.5°	819.6	822.6	830.7	843.7	844.8
30°	792.5	797.5	807.5	820.6	823.6
32.5°	764.3	771.3	782.4	797.5	800.5
35°	734.1	742.2	756.3	770.3	775.4
37.5°	706.0	712.0	728.1	744.2	747.2
40°	672.8	681.8	698.9	717.0	721.1
42.5°	639.6	649.7	668.8	686.9	693.9
45°	605.4	618.5	638.6	658.7	664.7
47.5°	571.2	585.3	606.4	628.5	635.6
50°	538.0	551.1	574.2	597.4	604.4
52.5°	500.8	515.9	541.0	566.2	573.2
55°	464.6	479.7	507.9	533.0	542.1
57.5°	427.4	444.5	473.7	499.8	507.9
60°	390.2	408.3	439.5	465.6	475.7
62.5°	353.0	370.1	404.3	430.4	439.5
65°	316.8	332.9	368.1	396.2	405.3
67.5°	277.6	295.7	331.9	361.0	369.1
70°	239.3	257.4	295.7	325.8	333.9
72.5°	200.1	221.2	259.5	288.6	299.7
75°	164.9	186.0	224.3	252.4	260.5
77.5°	127.7	148.8	188.1	208.2	209.2
80°	91.5	115.7	148.8	156.9	160.9
82.5°	60.3	83.5	102.6	112.6	112.6
85°	35.2	50.3	59.3	58.3	57.3
87.5°	13.1	17.1	14.1	10.1	7.0
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)