

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: P701640

Luminaire Tested: **RX-WO-30LB2750-UNV-24_4000K**

Issue Date: 8/21/2023



Test Information

Test Method: LM-79-08
Report Number: P701640
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_4000K
Description: 2X4 3000 LUMEN CLASS RX TROFFER WITH BIO UP LEDS AT 4000K CCT AND ROUND LENS

Light Source: -
Ballast/Driver: -

Summary

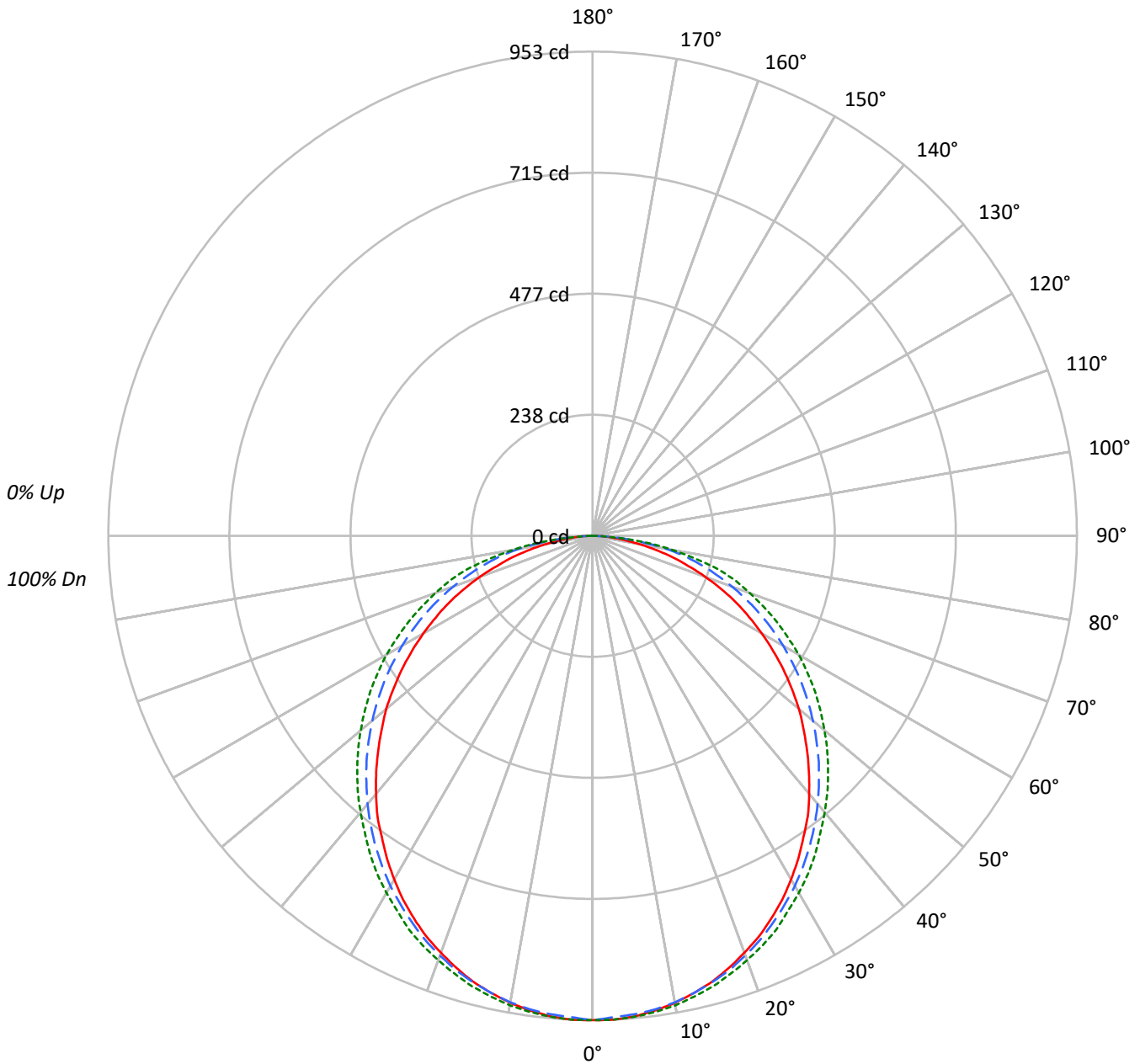
Lumens per Lamp: N/A
Luminaire Lumens: 2775.0 lumens
Efficiency: N/A
Efficacy: 120.7 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.37
Luminous Opening: Rectangular (W 1.92' x L: 3.98' x H: 0')
CIE Type: Direct

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				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°	1346	1346	1346
5°	1345	1339	1346
10°	1338	1336	1345
15°	1328	1329	1341
20°	1311	1320	1335
25°	1295	1309	1332
30°	1273	1297	1323
35°	1246	1284	1316
40°	1221	1269	1309
45°	1191	1256	1308
50°	1164	1243	1308
55°	1127	1232	1314
60°	1085	1223	1323
65°	1043	1211	1334
70°	973	1202	1358
75°	886	1205	1400
80°	733	1192	1289
85°	562	947	915



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.1	3.2
10°-20°	257.4	9.3
20°-30°	388.3	14.0
30°-40°	466.1	16.8
40°-50°	484.8	17.5
50°-60°	445.9	16.1
60°-70°	355.3	12.8
70°-80°	225.2	8.1
80°-90°	61.9	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°	735.8	26.5
0°-40°	1201.9	43.3
0°-60°	2132.6	76.8
0°-90°	2775.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2775.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	953	953	953	953	953	
5°	949	949	945	950	950	90
15°	909	909	910	917	918	256
25°	832	835	840	852	855	383
35°	723	731	745	759	764	453
45°	597	610	629	649	655	461
55°	458	473	500	525	534	409
65°	312	328	363	390	399	308
75°	162	183	221	249	257	171
85°	35	50	58	58	56	41
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	953.4	953.4	953.4	953.4	953.4
2.5°	953.4	953.4	948.4	953.4	953.4
5°	949.4	949.4	945.4	950.4	950.4
7.5°	942.5	943.4	940.5	945.4	945.4
10°	933.5	934.5	932.5	938.5	938.5
12.5°	921.6	922.6	921.6	928.6	928.6
15°	908.8	908.8	909.8	916.7	917.7
17.5°	891.9	893.9	895.9	903.8	903.8
20°	873.1	876.1	879.0	888.9	888.9
22.5°	854.3	857.2	861.2	871.1	873.1
25°	831.5	835.4	840.4	852.3	855.2
27.5°	807.7	810.7	818.6	831.5	832.5
30°	780.9	785.9	795.8	808.7	811.6
32.5°	753.2	760.1	771.0	785.9	788.9
35°	723.4	731.4	745.2	759.1	764.1
37.5°	695.7	701.6	717.5	733.4	736.3
40°	663.0	671.9	688.8	706.6	710.6
42.5°	630.3	640.2	659.0	676.9	683.8
45°	596.6	609.5	629.3	649.1	655.1
47.5°	562.9	576.8	597.6	619.4	626.3
50°	530.2	543.1	565.9	588.7	595.6
52.5°	493.5	508.4	533.2	557.9	564.9
55°	457.9	472.7	500.5	525.2	534.2
57.5°	421.2	438.0	466.8	492.5	500.5
60°	384.5	402.4	433.1	458.8	468.8
62.5°	347.8	364.7	398.4	424.2	433.1
65°	312.2	328.0	362.7	390.5	399.4
67.5°	273.5	291.4	327.0	355.8	363.7
70°	235.9	253.7	291.4	321.1	329.0
72.5°	197.2	218.0	255.7	284.4	295.3
75°	162.5	183.3	221.0	248.7	256.7
77.5°	125.9	146.7	185.3	205.1	206.1
80°	90.2	114.0	146.7	154.6	158.6
82.5°	59.5	82.3	101.1	111.0	111.0
85°	34.7	49.6	58.5	57.5	56.5
87.5°	12.9	16.8	13.9	9.9	6.9
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)