

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: P701637

Luminaire Tested: **RX-WO-30LB2750-UNV-24_2700K**

Issue Date: 8/21/2023



Test Information

Test Method: LM-79-08
Report Number: P701637
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_2700K
Description: 2X4 3000 LUMEN CLASS RX TROFFER WITH BIO UP LEDS AT 2700K CCT AND ROUND LENS

Light Source: -
Ballast/Driver: -

Summary

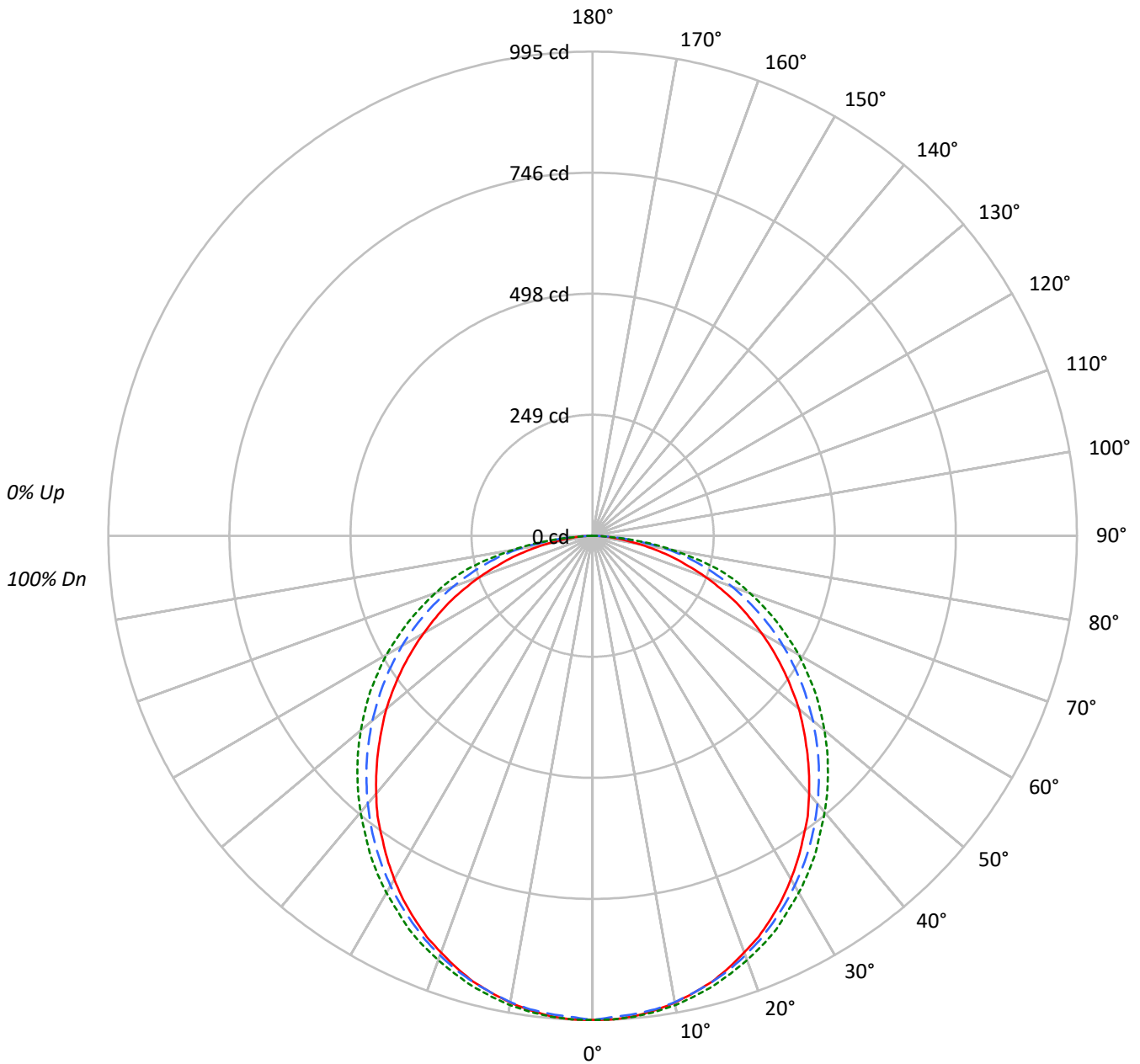
Lumens per Lamp: N/A
Luminaire Lumens: 2896.0 lumens
Efficiency: N/A
Efficacy: 125.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.37
Luminous Opening: Rectangular (W 1.92' x L: 3.98' x H: 0')
CIE Type: Direct

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°	1404	1404	1404
5°	1404	1398	1405
10°	1396	1395	1404
15°	1386	1387	1399
20°	1369	1378	1393
25°	1351	1366	1390
30°	1328	1353	1380
35°	1301	1340	1374
40°	1275	1324	1366
45°	1243	1311	1364
50°	1215	1297	1365
55°	1176	1285	1372
60°	1133	1276	1381
65°	1088	1264	1392
70°	1016	1255	1417
75°	925	1257	1461
80°	765	1244	1345
85°	586	988	955



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.1	3.2
10°-20°	268.6	9.3
20°-30°	405.2	14.0
30°-40°	486.5	16.8
40°-50°	505.9	17.5
50°-60°	465.3	16.1
60°-70°	370.8	12.8
70°-80°	235.0	8.1
80°-90°	64.6	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°	767.9	26.5
0°-40°	1254.3	43.3
0°-60°	2225.5	76.8
0°-90°	2896.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2896.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	995	995	995	995	995	
5°	991	991	987	992	992	94
15°	948	948	949	957	958	267
25°	868	872	877	889	892	400
35°	755	763	778	792	797	473
45°	623	636	657	677	684	481
55°	478	493	522	548	558	427
65°	326	342	378	408	417	321
75°	170	191	231	260	268	178
85°	36	52	61	60	59	43
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	994.9	994.9	994.9	994.9	994.9
2.5°	994.9	994.9	989.8	994.9	994.9
5°	990.8	990.8	986.7	991.8	991.8
7.5°	983.6	984.6	981.5	986.7	986.7
10°	974.2	975.3	973.2	979.4	979.4
12.5°	961.8	962.9	961.8	969.1	969.1
15°	948.4	948.4	949.4	956.7	957.7
17.5°	930.8	932.9	934.9	943.2	943.2
20°	911.2	914.3	917.4	927.7	927.7
22.5°	891.5	894.6	898.7	909.1	911.2
25°	867.7	871.9	877.0	889.4	892.5
27.5°	842.9	846.0	854.3	867.7	868.8
30°	815.0	820.1	830.5	843.9	847.0
32.5°	786.0	793.3	804.6	820.1	823.2
35°	755.0	763.3	777.7	792.2	797.4
37.5°	726.0	732.2	748.8	765.3	768.4
40°	691.9	701.2	718.8	737.4	741.5
42.5°	657.8	668.1	687.8	706.4	713.6
45°	622.6	636.1	656.7	677.4	683.6
47.5°	587.4	601.9	623.6	646.4	653.6
50°	553.3	566.8	590.5	614.3	621.6
52.5°	515.0	530.6	556.4	582.3	589.5
55°	477.8	493.3	522.3	548.1	557.5
57.5°	439.5	457.1	487.1	514.0	522.3
60°	401.3	419.9	452.0	478.8	489.2
62.5°	363.0	380.6	415.8	442.7	452.0
65°	325.8	342.3	378.5	407.5	416.8
67.5°	285.4	304.1	341.3	371.3	379.6
70°	246.1	264.8	304.1	335.1	343.4
72.5°	205.8	227.5	266.8	296.8	308.2
75°	169.6	191.3	230.6	259.6	267.9
77.5°	131.3	153.1	193.4	214.1	215.1
80°	94.1	118.9	153.1	161.3	165.5
82.5°	62.1	85.8	105.5	115.8	115.8
85°	36.2	51.7	61.0	60.0	59.0
87.5°	13.4	17.6	14.5	10.3	7.2
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)