

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: P701632

Luminaire Tested: **RX-WO-30HB2750-UNV-24_2700K**

Issue Date: 8/21/2023



Test Information

Test Method: LM-79-08
Report Number: P701632
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_2700K
Description: 2X4 3000 LUMEN CLASS RX TROFFER WITH BIO UP LEDS AT 2700K CCT AND ROUND LENS

Light Source: -
Ballast/Driver: -

Summary

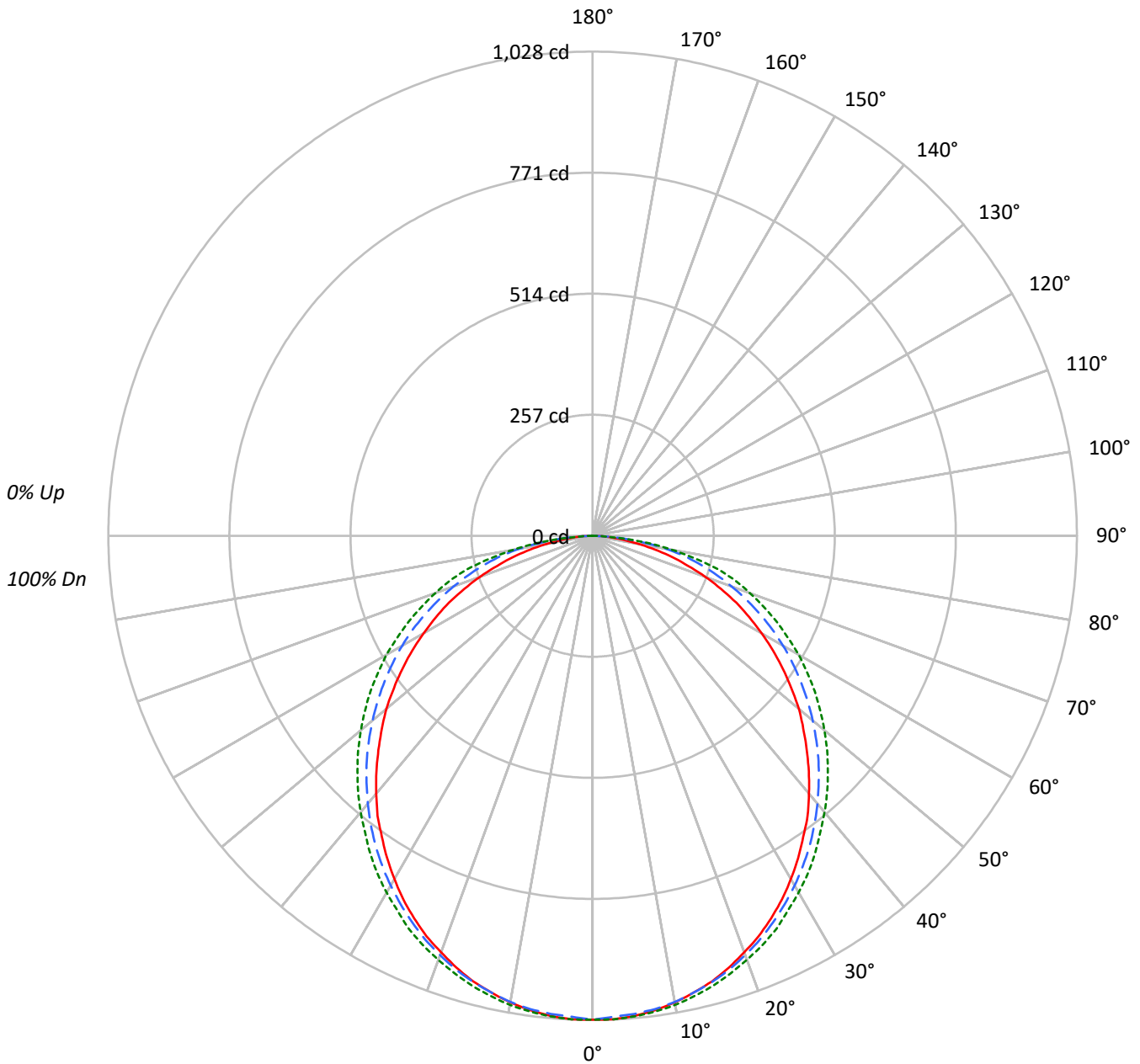
Lumens per Lamp: N/A
Luminaire Lumens: 2991.0 lumens
Efficiency: N/A
Efficacy: 136.0 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.37
Luminous Opening: Rectangular (W 1.92' x L: 3.98' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P701632

CATALOG NUMBER: RX-WO-30HB2750-UNV-24_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P701632

CATALOG NUMBER: RX-WO-30HB2750-UNV-24_2700K

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°	1450	1450	1450
5°	1450	1444	1451
10°	1442	1440	1450
15°	1431	1433	1445
20°	1413	1423	1439
25°	1396	1411	1435
30°	1372	1398	1426
35°	1344	1384	1419
40°	1317	1368	1411
45°	1283	1354	1409
50°	1255	1339	1410
55°	1214	1327	1417
60°	1170	1318	1426
65°	1124	1305	1438
70°	1049	1296	1463
75°	955	1299	1509
80°	790	1285	1389
85°	606	1020	986



TEST NUMBER: P701632

CATALOG NUMBER: RX-WO-30HB2750-UNV-24_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.2	3.2
10°-20°	277.4	9.3
20°-30°	418.5	14.0
30°-40°	502.4	16.8
40°-50°	522.5	17.5
50°-60°	480.6	16.1
60°-70°	383.0	12.8
70°-80°	242.7	8.1
80°-90°	66.8	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°	793.1	26.5
0°-40°	1295.5	43.3
0°-60°	2298.6	76.8
0°-90°	2991.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2991.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1028	1028	1028	1028	1028	
5°	1023	1023	1019	1024	1024	97
15°	980	980	981	988	989	276
25°	896	900	906	919	922	413
35°	780	788	803	818	824	488
45°	643	657	678	700	706	496
55°	494	510	539	566	576	441
65°	336	354	391	421	430	332
75°	175	198	238	268	277	184
85°	37	53	63	62	61	45
90°	0	0	0	0	0	



TEST NUMBER: P701632

CATALOG NUMBER: RX-WO-30HB2750-UNV-24_2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1027.6	1027.6	1027.6	1027.6	1027.6
2.5°	1027.6	1027.6	1022.2	1027.6	1027.6
5°	1023.3	1023.3	1019.0	1024.4	1024.4
7.5°	1015.8	1016.9	1013.7	1019.0	1019.0
10°	1006.2	1007.3	1005.1	1011.5	1011.5
12.5°	993.4	994.5	993.4	1000.9	1000.9
15°	979.5	979.5	980.6	988.0	989.1
17.5°	961.3	963.5	965.6	974.2	974.2
20°	941.0	944.3	947.5	958.1	958.1
22.5°	920.8	924.0	928.2	938.9	941.0
25°	896.2	900.5	905.8	918.6	921.8
27.5°	870.5	873.8	882.3	896.2	897.3
30°	841.7	847.0	857.7	871.6	874.8
32.5°	811.8	819.3	831.0	847.0	850.3
35°	779.8	788.3	803.3	818.2	823.5
37.5°	749.8	756.3	773.3	790.4	793.6
40°	714.6	724.2	742.4	761.6	765.9
42.5°	679.3	690.0	710.3	729.6	737.0
45°	643.0	656.9	678.3	699.6	706.1
47.5°	606.7	621.7	644.1	667.6	675.1
50°	571.5	585.4	609.9	634.5	642.0
52.5°	531.9	548.0	574.7	601.4	608.8
55°	493.5	509.5	539.4	566.1	575.7
57.5°	454.0	472.1	503.1	530.9	539.4
60°	414.4	433.7	466.8	494.6	505.2
62.5°	374.9	393.1	429.4	457.2	466.8
65°	336.5	353.6	390.9	420.9	430.5
67.5°	294.8	314.0	352.5	383.5	392.0
70°	254.2	273.4	314.0	346.1	354.6
72.5°	212.6	235.0	275.6	306.6	318.3
75°	175.2	197.6	238.2	268.1	276.7
77.5°	135.7	158.1	199.7	221.1	222.2
80°	97.2	122.8	158.1	166.6	170.9
82.5°	64.1	88.7	109.0	119.6	119.6
85°	37.4	53.4	63.0	62.0	60.9
87.5°	13.9	18.2	15.0	10.7	7.5
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)