

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: P737764

Luminaire Tested: **14PT-30-PC3-L935**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737764
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 14PT-30-PC3-L935
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PARAMID LENS

Light Source: -
Ballast/Driver: -

Summary

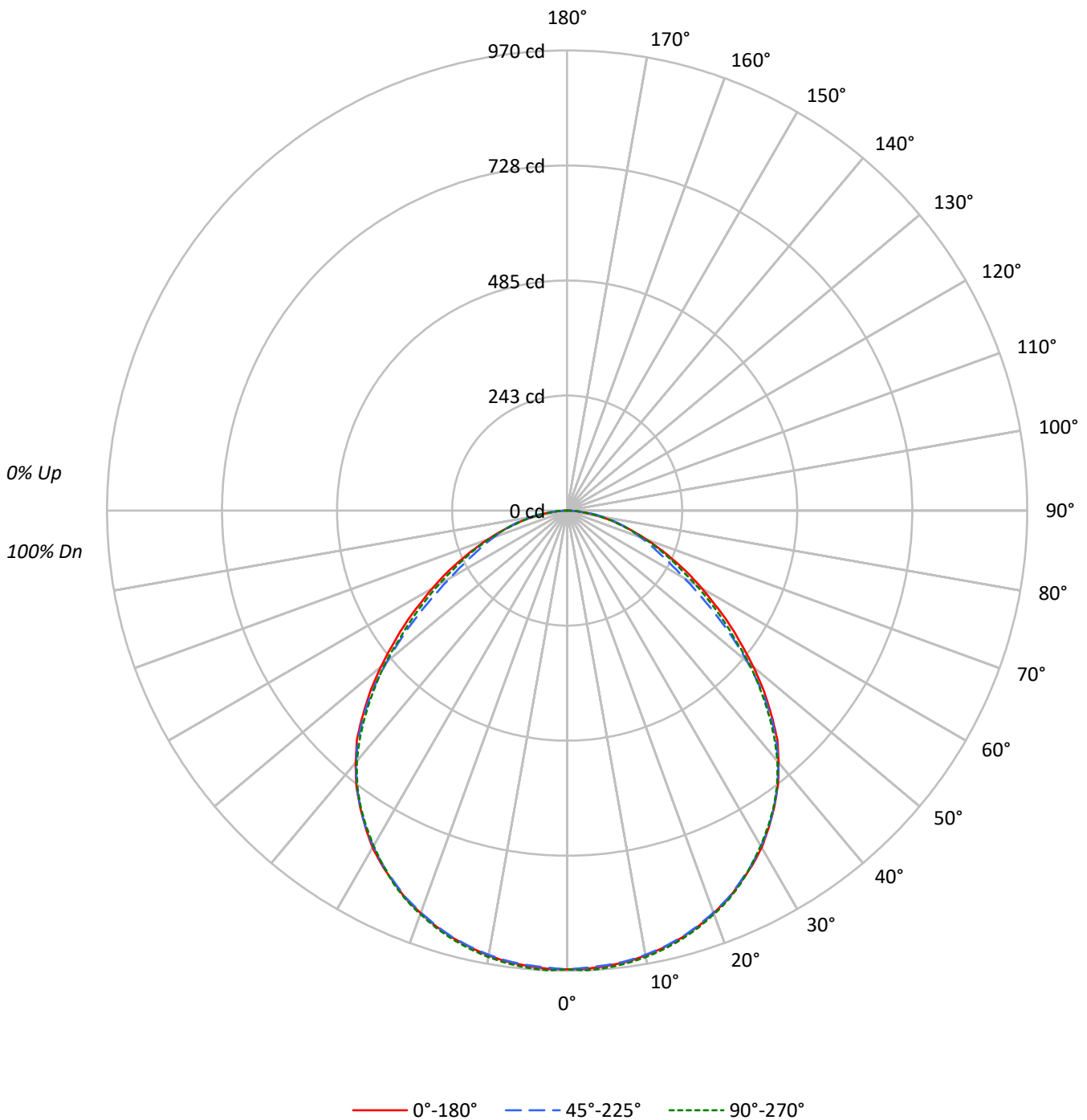
Lumens per Lamp: N/A
Luminaire Lumens: 2438.0 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 0.92' x L: 3.92' x H: 0')
CIE Type: Direct

Input Watts (W): 23.4
Input Voltage (V): NR
Input Current (Ain): 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72
3	92	82	74	68	90	80	73	68	77	71	66	75	70	65	72	68	64	62
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2899	2899	2899
5°	2900	2895	2911
10°	2900	2895	2910
15°	2893	2890	2903
20°	2880	2876	2888
25°	2860	2856	2867
30°	2839	2829	2825
35°	2787	2785	2780
40°	2714	2710	2698
45°	2581	2562	2535
50°	2389	2309	2334
55°	2180	2003	2093
60°	1966	1709	1875
65°	1757	1529	1686
70°	1559	1446	1516
75°	1378	1403	1351
80°	1188	1338	1183
85°	891	1059	891



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.7	3.8
10°-20°	263.3	10.8
20°-30°	398.6	16.3
30°-40°	475.2	19.5
40°-50°	464.4	19.0
50°-60°	355.1	14.6
60°-70°	228.0	9.4
70°-80°	126.8	5.2
80°-90°	35.0	1.4
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°	753.6	30.9
0°-40°	1228.8	50.4
0°-60°	2048.2	84.0
0°-90°	2438.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2438.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	967	967	967	967	967	
5°	964	964	962	966	967	92
15°	932	933	931	934	935	263
25°	865	866	863	866	867	399
35°	762	762	761	761	760	476
45°	609	610	604	603	598	468
55°	417	403	383	388	400	373
65°	248	229	216	223	238	247
75°	119	120	121	119	117	127
85°	26	30	31	30	26	32
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	967.1	967.1	967.1	967.1	967.1
2.5°	966.4	966.7	964.3	968.5	969.9
5°	963.6	964.3	961.9	966.4	967.4
7.5°	959.5	960.2	957.7	962.2	962.6
10°	952.6	952.9	950.8	955.3	956.0
12.5°	943.2	944.3	941.8	946.0	946.3
15°	932.2	932.8	931.1	934.2	935.3
17.5°	919.0	919.4	917.6	921.1	921.4
20°	902.8	902.8	901.4	905.2	905.2
22.5°	886.1	885.1	884.8	886.1	888.2
25°	864.7	865.7	863.3	866.1	866.8
27.5°	844.0	844.0	841.9	843.3	841.5
30°	820.1	818.7	817.3	817.7	815.9
32.5°	791.4	791.4	790.7	790.7	788.6
35°	761.6	762.3	760.9	760.6	759.6
37.5°	729.8	730.8	728.4	727.7	727.0
40°	693.5	693.5	692.5	691.1	689.3
42.5°	655.8	655.8	651.3	647.8	645.4
45°	608.8	610.1	604.3	602.9	598.0
47.5°	562.1	561.0	553.1	552.0	549.3
50°	512.3	506.4	495.0	498.1	500.5
52.5°	462.4	455.2	438.6	442.0	446.2
55°	417.1	402.6	383.2	388.1	400.5
57.5°	369.7	350.4	331.0	340.0	355.6
60°	327.9	306.1	285.0	294.7	312.7
62.5°	287.8	264.6	247.7	257.0	272.2
65°	247.7	228.6	215.5	222.7	237.6
67.5°	211.0	198.2	189.2	192.7	204.8
70°	177.8	169.8	165.0	166.0	172.9
72.5°	146.3	144.2	142.5	142.5	143.2
75°	119.0	120.0	121.1	119.3	116.6
77.5°	93.7	97.2	99.6	96.2	92.7
80°	68.8	74.4	77.5	73.7	68.5
82.5°	47.0	53.3	54.3	51.9	46.0
85°	25.9	30.4	30.8	29.7	25.9
87.5°	9.7	11.4	12.5	11.4	10.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)