

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: P737790

Luminaire Tested: **14PT-30-PR1-L950**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737790
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 14PT-30-PR1-L950
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND RIPLE LENS

Light Source: -
Ballast/Driver: -

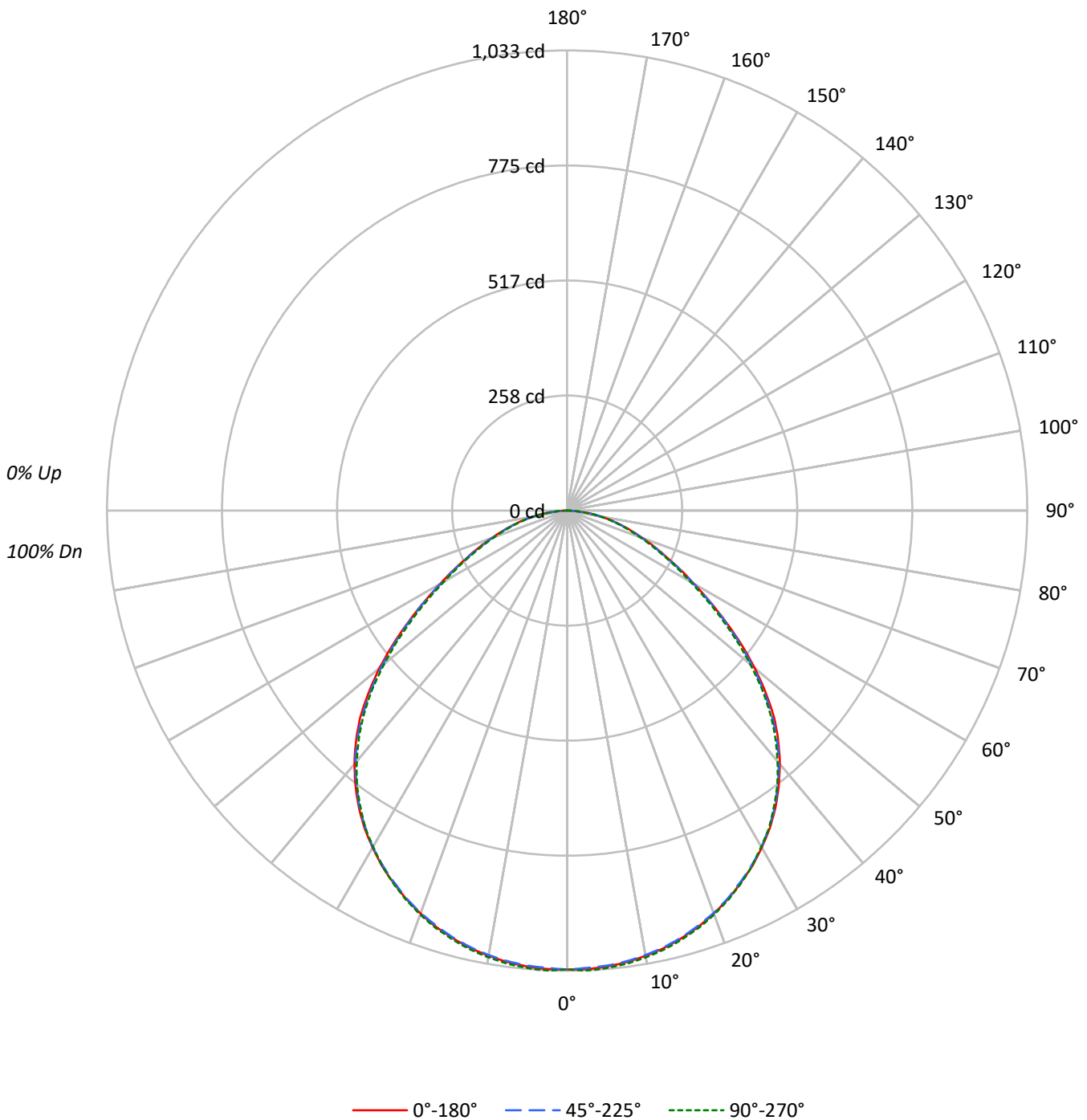
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2606.0 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 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	88	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	90	80	73	68	78	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	45	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	39	33	29	39	33	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3089	3089	3089
5°	3092	3086	3102
10°	3090	3084	3101
15°	3084	3079	3094
20°	3071	3067	3079
25°	3051	3043	3054
30°	3024	3020	3016
35°	2982	2975	2963
40°	2907	2895	2875
45°	2786	2755	2734
50°	2563	2534	2503
55°	2269	2259	2214
60°	1971	1964	1911
65°	1737	1727	1693
70°	1577	1554	1522
75°	1458	1425	1399
80°	1333	1314	1269
85°	1056	1042	1004



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.7	3.8
10°-20°	280.6	10.8
20°-30°	425.0	16.3
30°-40°	507.4	19.5
40°-50°	499.0	19.1
50°-60°	385.7	14.8
60°-70°	243.2	9.3
70°-80°	131.5	5.0
80°-90°	35.9	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°	803.3	30.8
0°-40°	1310.7	50.3
0°-60°	2195.4	84.2
0°-90°	2606.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2606.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1030	1030	1030	1030	1030	
5°	1028	1028	1025	1030	1031	98
15°	994	994	992	995	997	280
25°	922	923	920	923	923	425
35°	815	815	813	812	810	509
45°	657	654	650	644	645	503
55°	434	438	432	425	424	389
65°	245	245	243	239	239	246
75°	126	124	123	124	121	134
85°	31	31	30	31	29	36
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1030.4	1030.4	1030.4	1030.4	1030.4
2.5°	1030.1	1030.4	1027.5	1032.3	1033.4
5°	1027.5	1027.9	1025.3	1029.7	1030.8
7.5°	1022.3	1023.1	1020.5	1024.9	1026.0
10°	1014.9	1015.7	1013.1	1017.5	1018.6
12.5°	1005.7	1006.1	1003.9	1007.9	1009.0
15°	993.5	993.9	992.0	995.4	996.8
17.5°	979.5	979.8	977.3	981.3	982.1
20°	962.5	962.9	961.4	964.7	965.1
22.5°	943.7	944.4	942.2	945.1	945.5
25°	922.2	923.0	920.0	923.0	923.3
27.5°	899.7	900.1	897.5	899.7	899.3
30°	873.5	875.7	872.4	871.6	871.3
32.5°	846.1	846.5	843.2	842.5	843.9
35°	814.8	815.1	812.9	811.8	809.6
37.5°	780.4	780.4	776.3	775.6	775.2
40°	742.7	742.4	739.8	737.2	734.6
42.5°	701.7	702.5	697.3	692.9	692.1
45°	657.0	654.5	649.7	644.5	644.9
47.5°	604.2	605.0	598.3	594.3	593.2
50°	549.6	549.6	543.3	538.9	536.6
52.5°	492.3	492.7	486.8	480.9	479.8
55°	434.0	437.7	432.1	425.1	423.6
57.5°	379.3	382.3	377.1	369.7	369.3
60°	328.7	329.1	327.6	320.6	318.7
62.5°	285.5	283.7	282.9	279.2	277.0
65°	244.9	245.2	243.4	239.3	238.6
67.5°	212.0	211.6	208.3	205.7	204.2
70°	179.9	178.8	177.3	175.1	173.6
72.5°	151.1	151.1	150.0	149.2	146.6
75°	125.9	124.5	123.0	123.7	120.8
77.5°	101.9	100.5	99.4	97.9	97.1
80°	77.2	75.7	76.1	73.9	73.5
82.5°	53.6	53.6	52.8	51.0	51.3
85°	30.7	31.0	30.3	30.7	29.2
87.5°	11.1	11.4	12.2	11.4	11.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)