

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: P737795

Luminaire Tested: **14PT-30-PW1-L930**

Issue Date: 2/8/2024



**Test Information**

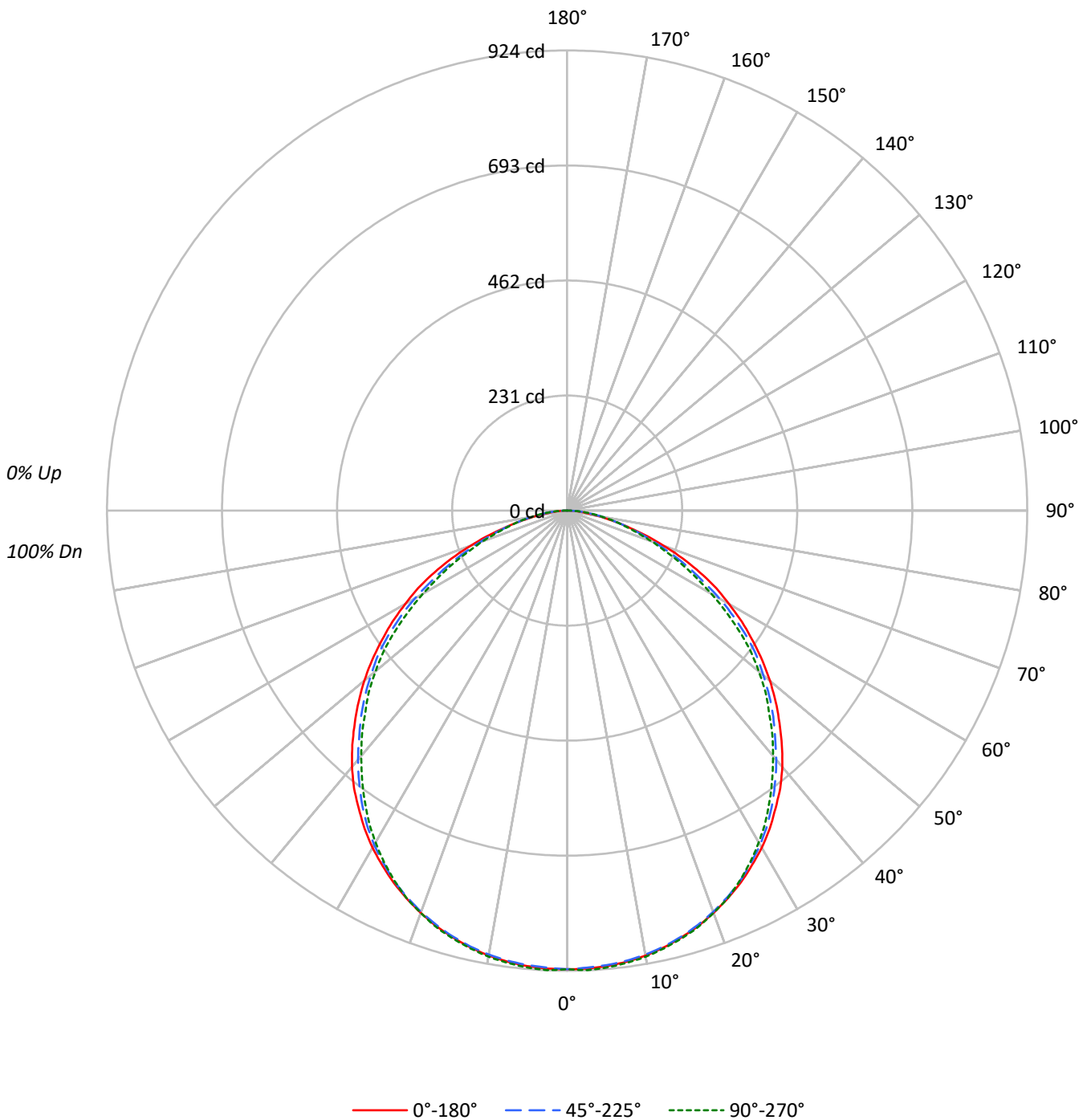
Test Method: LM-79-08  
Report Number: P737795  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-9)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 14PT-30-PW1-L930  
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND WAVES LENS  
  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2444.0 lumens  
Efficiency: N/A  
Efficacy: 104.4 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.24 / 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	109	105	101	97	107	103	99	95	98	95	92	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	63	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	62	48	40	34	60	47	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	2761	2761	2761
5°	2763	2757	2772
10°	2762	2756	2769
15°	2754	2749	2760
20°	2743	2736	2743
25°	2727	2716	2714
30°	2706	2683	2664
35°	2670	2630	2596
40°	2630	2558	2517
45°	2557	2481	2431
50°	2479	2398	2343
55°	2376	2296	2205
60°	2253	2120	2009
65°	2084	1893	1798
70°	1807	1648	1586
75°	1442	1411	1372
80°	1096	1226	1226
85°	808	1046	1046



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	87.3	3.6
10°-20°	250.5	10.2
20°-30°	378.6	15.5
30°-40°	449.5	18.4
40°-50°	452.9	18.5
50°-60°	391.5	16.0
60°-70°	267.6	10.9
70°-80°	131.9	5.4
80°-90°	34.1	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°	716.4	29.3
0°-40°	1166.0	47.7
0°-60°	2010.4	82.3
0°-90°	2444.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2444.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	921	921	921	921	921	
5°	918	919	916	920	921	87
15°	887	888	886	889	889	250
25°	824	824	821	822	820	380
35°	730	727	719	712	709	457
45°	603	596	585	578	573	465
55°	454	453	439	426	422	406
65°	294	283	267	255	254	290
75°	124	124	122	122	118	136
85°	24	28	30	31	30	29
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	921.0	921.0	921.0	921.0	921.0
2.5°	920.6	921.0	918.6	922.7	923.7
5°	918.2	918.6	916.2	920.0	921.0
7.5°	913.8	914.5	911.8	915.5	916.2
10°	907.3	907.7	905.3	909.0	909.7
12.5°	898.5	898.8	896.7	900.2	900.2
15°	887.2	888.2	885.8	888.9	889.2
17.5°	874.6	874.9	872.5	875.9	876.6
20°	859.6	859.6	857.5	860.2	859.6
22.5°	842.8	842.8	840.4	841.8	842.5
25°	824.4	823.7	821.0	821.7	820.3
27.5°	803.3	803.3	798.5	798.5	796.1
30°	781.8	780.0	774.9	771.9	769.5
32.5°	757.2	754.8	748.3	742.9	741.1
35°	729.5	727.2	718.6	712.1	709.4
37.5°	702.9	697.5	686.2	679.7	676.7
40°	671.9	665.1	653.5	644.6	643.2
42.5°	638.4	633.0	618.0	611.5	609.8
45°	603.0	596.5	585.2	578.4	573.3
47.5°	568.1	563.4	550.4	542.2	540.5
50°	531.6	527.5	514.2	505.4	502.3
52.5°	493.8	491.0	479.8	468.5	464.8
55°	454.5	453.2	439.2	426.2	421.8
57.5°	416.0	414.3	396.8	381.8	377.7
60°	375.7	370.6	353.5	339.5	335.1
62.5°	337.5	326.6	308.1	297.2	292.1
65°	293.8	283.2	266.8	255.2	253.5
67.5°	250.8	238.2	225.6	218.4	212.9
70°	206.1	197.6	188.0	181.9	180.9
72.5°	164.5	158.3	153.6	149.8	146.7
75°	124.5	123.5	121.8	121.8	118.4
77.5°	91.4	93.8	95.2	94.9	95.5
80°	63.5	68.2	71.0	71.3	71.0
82.5°	40.3	45.7	50.2	50.8	51.5
85°	23.5	27.6	30.4	31.1	30.4
87.5°	10.6	13.3	14.0	14.7	14.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)