

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: P737771

Luminaire Tested: **14PT-30-PL1-L930**

Issue Date: 2/8/2024



**Test Information**

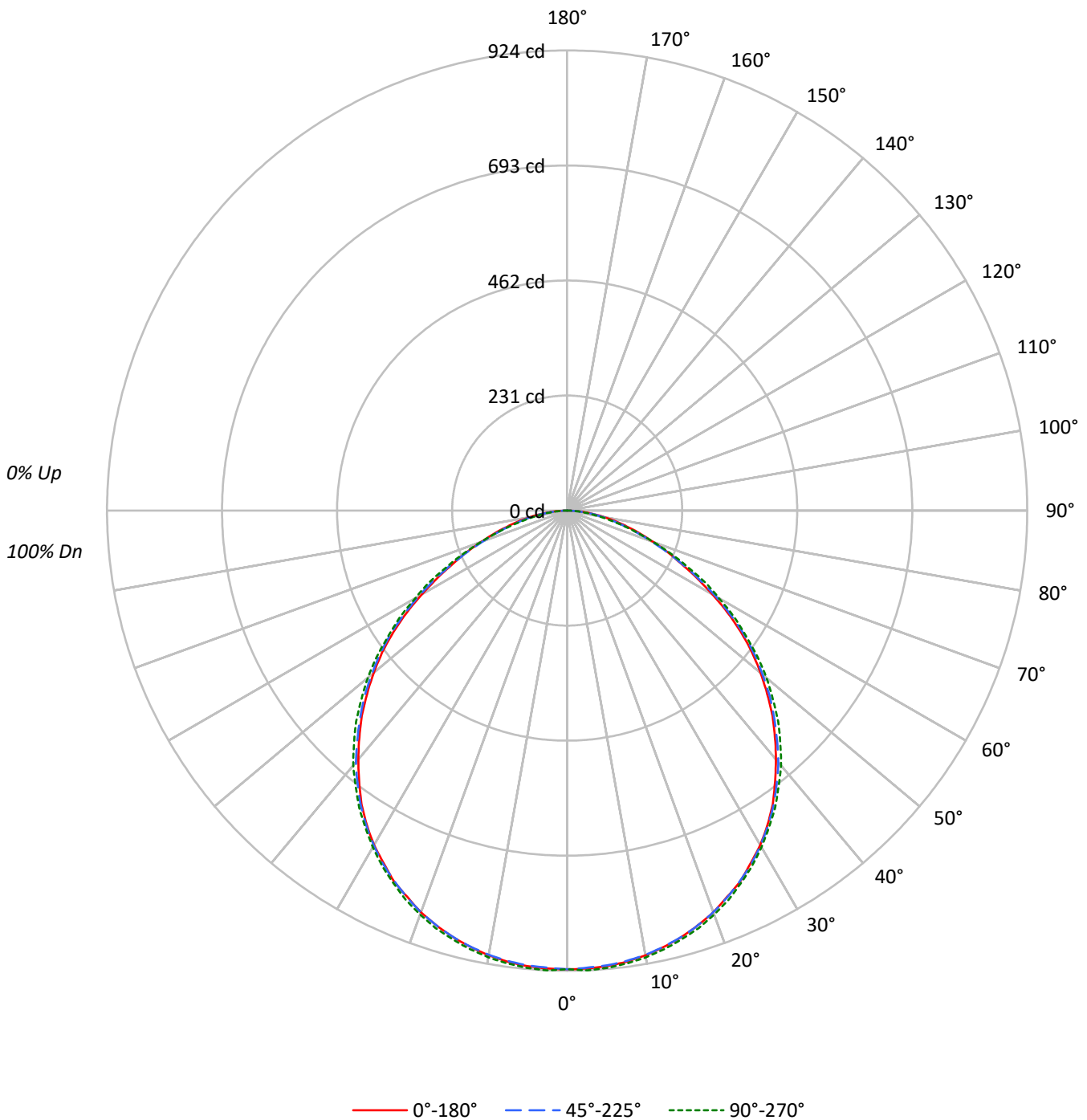
Test Method: LM-79-08  
Report Number: P737771  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-10)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 14PT-30-PL1-L930  
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LEAVES LENS  
  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2428.0 lumens  
Efficiency: N/A  
Efficacy: 103.8 lumens/watt  
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35  
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 (A<sub>in</sub>): 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	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	55	52
5	77	65	56	49	75	64	55	49	61	54	49	60	53	48	58	52	48	46
6	71	58	50	43	69	57	49	43	56	48	43	54	47	42	52	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32
9	58	44	36	31	56	44	36	31	43	36	31	42	35	30	41	35	30	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

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

	0°	45°	90°
0°	2762	2762	2762
5°	2764	2759	2774
10°	2760	2757	2773
15°	2752	2751	2765
20°	2738	2738	2754
25°	2720	2716	2731
30°	2685	2689	2702
35°	2634	2644	2666
40°	2553	2582	2615
45°	2473	2493	2541
50°	2364	2389	2437
55°	2226	2262	2288
60°	2020	2063	2114
65°	1794	1813	1886
70°	1603	1571	1609
75°	1447	1363	1336
80°	1314	1219	1084
85°	1115	1008	870



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	87.4	3.6
10°-20°	250.6	10.3
20°-30°	379.1	15.6
30°-40°	451.8	18.6
40°-50°	454.3	18.7
50°-60°	385.6	15.9
60°-70°	256.7	10.6
70°-80°	128.2	5.3
80°-90°	34.3	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°	717.0	29.5
0°-40°	1168.8	48.1
0°-60°	2008.8	82.7
0°-90°	2428.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2428.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	921	921	921	921	921	
5°	918	919	917	921	922	87
15°	887	888	886	890	891	250
25°	822	822	821	825	826	378
35°	720	720	722	728	728	449
45°	583	584	588	596	599	449
55°	426	429	433	437	438	380
65°	253	255	256	259	266	253
75°	125	123	118	115	115	134
85°	32	32	29	28	25	37
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	921.1	921.1	921.1	921.1	921.1
2.5°	920.4	921.1	918.7	923.1	924.1
5°	918.3	918.7	916.6	920.7	921.8
7.5°	913.9	914.2	912.2	916.6	917.3
10°	906.7	907.4	905.7	909.8	910.8
12.5°	897.5	898.5	896.8	901.3	902.0
15°	886.6	887.6	886.3	890.0	890.7
17.5°	873.3	874.0	873.3	876.7	878.8
20°	858.3	858.3	858.3	861.3	863.1
22.5°	839.5	841.2	840.5	844.6	846.3
25°	822.1	822.1	821.1	824.8	825.5
27.5°	797.9	800.6	800.3	803.7	804.4
30°	775.7	776.4	776.7	779.1	780.5
32.5°	748.7	749.4	750.4	753.9	754.2
35°	719.7	720.4	722.5	727.6	728.3
37.5°	685.9	689.7	691.4	696.9	697.5
40°	652.2	654.5	659.7	665.5	668.2
42.5°	617.7	620.4	623.5	631.3	633.7
45°	583.2	584.2	588.0	595.8	599.3
47.5°	545.0	548.1	551.5	558.3	560.4
50°	506.8	510.2	512.2	518.4	522.5
52.5°	468.2	471.3	473.7	477.4	481.5
55°	425.9	429.0	432.7	436.8	437.8
57.5°	382.9	386.3	388.7	393.1	397.6
60°	336.8	340.6	344.0	348.1	352.5
62.5°	293.8	295.5	298.9	305.8	312.3
65°	252.9	254.9	255.6	259.4	265.8
67.5°	218.7	218.7	215.7	217.0	224.2
70°	182.9	181.6	179.2	177.8	183.6
72.5°	153.9	152.2	147.1	144.7	147.8
75°	124.9	123.2	117.7	115.0	115.3
77.5°	100.3	97.6	93.2	88.4	87.4
80°	76.1	75.1	70.6	66.2	62.8
82.5°	53.9	51.5	49.1	46.4	43.7
85°	32.4	31.7	29.3	27.6	25.3
87.5°	13.3	13.3	12.6	11.9	11.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)