

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: P737780

Luminaire Tested: **14PT-30-PP3-L935**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P737780  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 14PT-30-PP3-L935  
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source: -  
Ballast/Driver: -

**Summary**

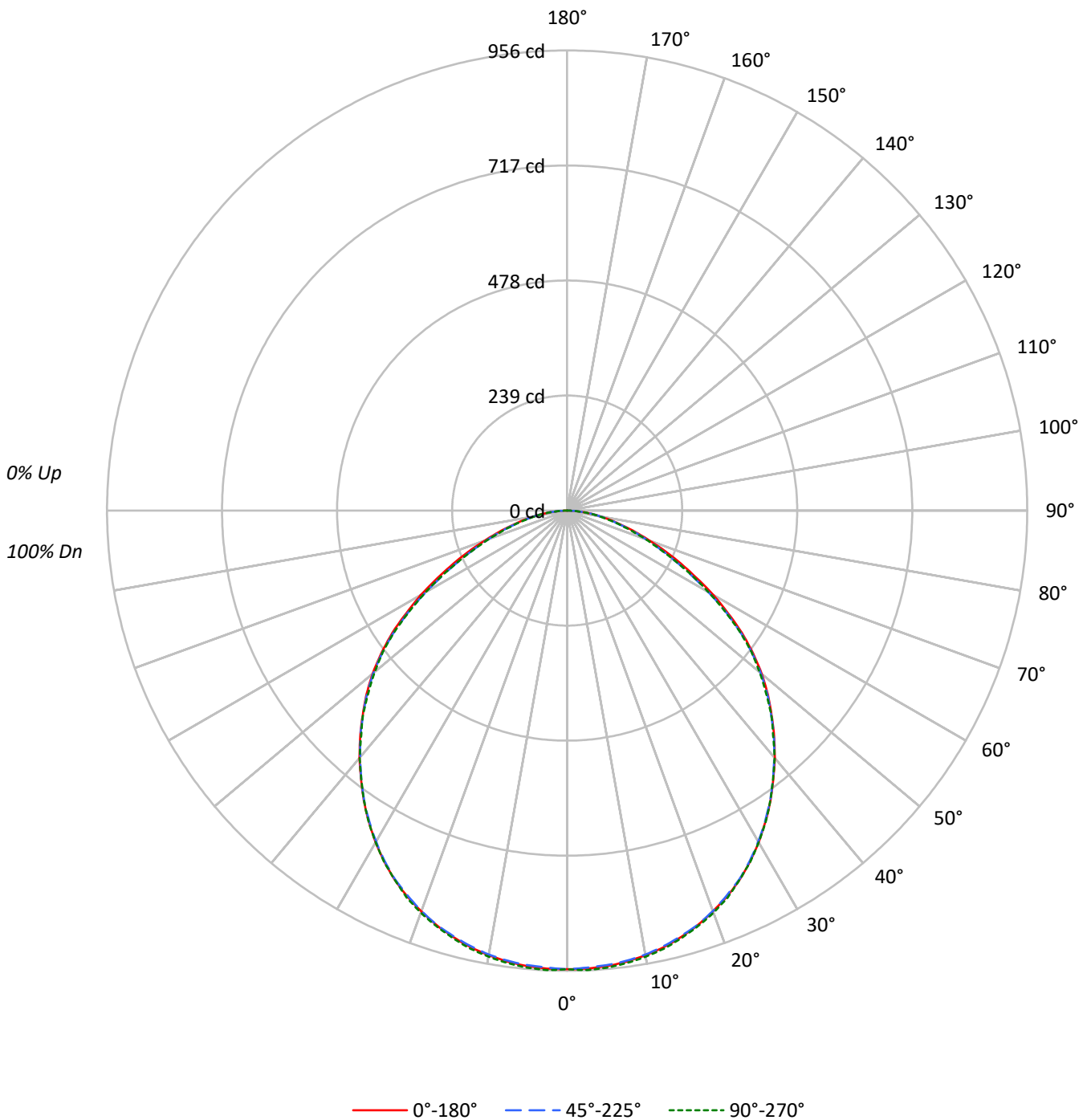
Lumens per Lamp: N/A  
Luminaire Lumens: 2462.0 lumens  
Efficiency: N/A  
Efficacy: 105.2 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34  
Luminous Opening: Rectangular (W 0.92' x L: 3.92' x H: 0')  
CIE Type: Direct

Input Watts (W): 23.4  
Input Voltage (V): NR  
Input Current (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	99	96	93		95	92	90		91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	78		84	79	76		81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66		74	69	65		72	67	63	61
4	84	73	64	58	82	71	63	57	69	62	56		66	60	56		64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49		60	54	49		58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43		54	48	43		53	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38		50	43	38		48	42	38	36
8	62	49	40	35	60	48	40	35	47	39	34		45	39	34		44	38	34	32
9	58	45	37	31	57	44	36	31	43	36	31		42	35	31		41	35	31	29
10	54	41	34	28	53	41	33	28	40	33	28		39	33	28		38	32	28	26

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

	0°	45°	90°
0°	2857	2857	2857
5°	2859	2853	2869
10°	2856	2851	2865
15°	2846	2840	2853
20°	2827	2825	2837
25°	2802	2797	2801
30°	2755	2749	2755
35°	2695	2691	2694
40°	2626	2618	2625
45°	2547	2540	2543
50°	2462	2451	2433
55°	2318	2290	2283
60°	2103	2032	2036
65°	1847	1754	1752
70°	1598	1525	1507
75°	1382	1330	1302
80°	1224	1207	1153
85°	1011	1046	987



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.4	3.7
10°-20°	258.9	10.5
20°-30°	389.8	15.8
30°-40°	460.0	18.7
40°-50°	462.6	18.8
50°-60°	390.5	15.9
60°-70°	250.8	10.2
70°-80°	124.8	5.1
80°-90°	34.2	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°	739.0	30.0
0°-40°	1199.0	48.7
0°-60°	2052.2	83.4
0°-90°	2462.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2462.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	953	953	953	953	953	
5°	950	950	948	952	953	90
15°	917	917	915	919	919	259
25°	847	847	846	847	847	390
35°	736	737	735	736	736	460
45°	601	603	599	600	600	464
55°	443	443	438	436	437	394
65°	260	257	247	245	247	260
75°	119	119	115	114	112	129
85°	29	30	30	29	29	35
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	952.8	952.8	952.8	952.8	952.8
2.5°	952.5	952.8	950.4	954.9	955.6
5°	950.1	950.4	948.0	952.5	953.2
7.5°	945.2	945.6	943.5	947.7	948.3
10°	938.0	939.0	936.6	940.4	941.1
12.5°	929.0	929.3	926.9	931.4	932.1
15°	916.9	917.2	915.1	919.3	919.3
17.5°	903.0	903.4	902.0	905.5	905.1
20°	886.1	887.1	885.4	887.8	889.2
22.5°	867.8	868.1	866.0	869.1	870.5
25°	847.0	847.4	845.6	847.4	846.7
27.5°	822.8	823.5	821.1	822.8	823.1
30°	795.8	797.6	794.1	795.5	795.8
32.5°	766.8	767.8	765.4	765.7	767.5
35°	736.3	736.7	735.3	736.0	736.0
37.5°	703.5	704.9	702.8	703.8	702.4
40°	671.0	669.6	668.9	669.6	670.6
42.5°	636.7	637.1	636.0	635.3	633.6
45°	600.8	602.8	599.0	599.7	599.7
47.5°	565.5	565.8	563.8	561.7	560.3
50°	527.8	527.8	525.4	523.6	521.6
52.5°	486.6	485.9	483.2	481.4	482.5
55°	443.4	443.0	438.2	436.5	436.8
57.5°	396.0	396.7	389.4	387.7	387.7
60°	350.7	347.2	338.9	336.5	339.6
62.5°	303.3	299.2	290.2	290.2	292.6
65°	260.4	256.6	247.3	244.9	246.9
67.5°	220.3	216.9	208.2	206.8	207.5
70°	182.3	179.2	174.0	170.9	171.9
72.5°	149.4	146.6	143.2	140.8	139.4
75°	119.3	118.6	114.8	113.8	112.4
77.5°	94.4	94.1	91.0	89.6	88.2
80°	70.9	70.6	69.9	67.8	66.8
82.5°	50.5	50.5	50.1	48.4	47.4
85°	29.4	30.4	30.4	28.7	28.7
87.5°	11.8	12.5	11.8	11.8	11.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)