

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: P737779

Luminaire Tested: **14PT-30-PP3-L930**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P737779  
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-L930  
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source: -  
Ballast/Driver: -

**Summary**

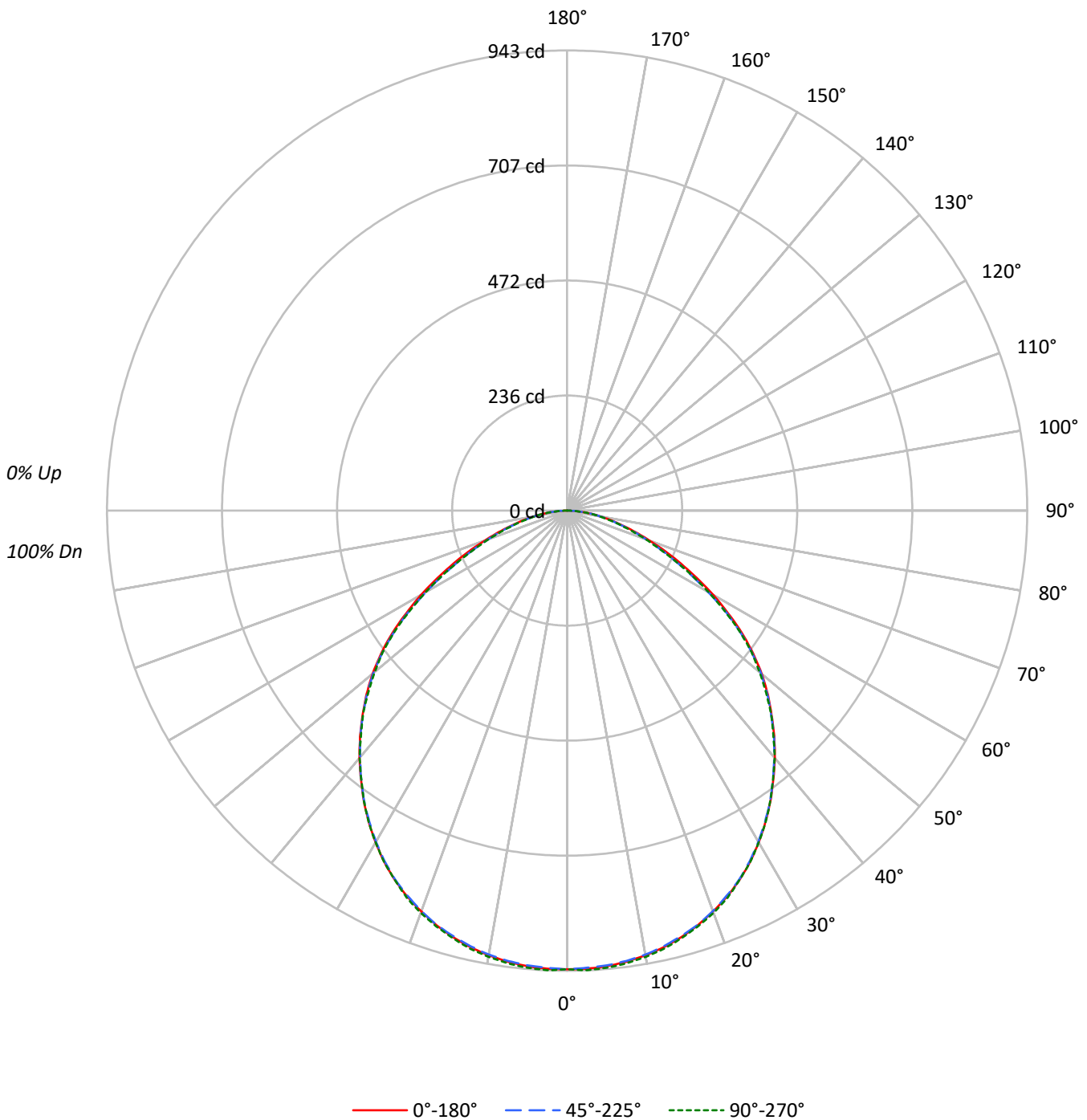
Lumens per Lamp: N/A  
Luminaire Lumens: 2429.0 lumens  
Efficiency: N/A  
Efficacy: 103.8 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34  
Luminous Opening: Rectangular (W 0.92' x L: 3.92' x H: 0')  
CIE Type: Direct

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°	2818	2818	2818
5°	2821	2815	2830
10°	2817	2813	2827
15°	2808	2802	2815
20°	2789	2787	2799
25°	2765	2760	2763
30°	2718	2712	2718
35°	2659	2655	2658
40°	2591	2583	2589
45°	2513	2506	2509
50°	2429	2417	2400
55°	2287	2260	2253
60°	2075	2005	2009
65°	1822	1731	1728
70°	1576	1504	1487
75°	1363	1312	1285
80°	1209	1190	1138
85°	998	1032	973



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	89.2	3.7
10°-20°	255.4	10.5
20°-30°	384.5	15.8
30°-40°	453.8	18.7
40°-50°	456.4	18.8
50°-60°	385.3	15.9
60°-70°	247.5	10.2
70°-80°	123.1	5.1
80°-90°	33.7	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°	729.1	30.0
0°-40°	1182.9	48.7
0°-60°	2024.7	83.4
0°-90°	2429.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2429.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	940	940	940	940	940	
5°	937	938	935	940	940	89
15°	905	905	903	907	907	255
25°	836	836	834	836	835	385
35°	726	727	725	726	726	454
45°	593	595	591	592	592	457
55°	438	437	432	431	431	389
65°	257	253	244	242	244	256
75°	118	117	113	112	111	127
85°	29	30	30	28	28	34
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	940.1	940.1	940.1	940.1	940.1
2.5°	939.7	940.1	937.7	942.1	942.8
5°	937.3	937.7	935.3	939.7	940.4
7.5°	932.6	932.9	930.9	935.0	935.6
10°	925.4	926.4	924.0	927.8	928.5
12.5°	916.5	916.9	914.5	918.9	919.6
15°	904.6	904.9	902.9	907.0	907.0
17.5°	890.9	891.3	889.9	893.3	893.0
20°	874.2	875.2	873.5	875.9	877.3
22.5°	856.1	856.5	854.4	857.5	858.9
25°	835.7	836.0	834.3	836.0	835.3
27.5°	811.8	812.5	810.1	811.8	812.1
30°	785.2	786.9	783.5	784.8	785.2
32.5°	756.5	757.5	755.1	755.5	757.2
35°	726.5	726.8	725.4	726.1	726.1
37.5°	694.1	695.4	693.4	694.4	693.0
40°	662.0	660.6	659.9	660.6	661.6
42.5°	628.2	628.5	627.5	626.8	625.1
45°	592.7	594.8	591.0	591.7	591.7
47.5°	557.9	558.2	556.2	554.1	552.8
50°	520.7	520.7	518.3	516.6	514.6
52.5°	480.1	479.4	476.7	475.0	476.0
55°	437.5	437.1	432.3	430.6	431.0
57.5°	390.7	391.4	384.2	382.5	382.5
60°	346.0	342.6	334.4	332.0	335.1
62.5°	299.3	295.2	286.3	286.3	288.7
65°	256.9	253.2	244.0	241.6	243.6
67.5°	217.4	213.9	205.4	204.1	204.7
70°	179.8	176.8	171.6	168.6	169.6
72.5°	147.4	144.7	141.3	138.9	137.5
75°	117.7	117.0	113.3	112.3	110.9
77.5°	93.2	92.8	89.7	88.4	87.0
80°	70.0	69.6	68.9	66.9	65.9
82.5°	49.8	49.8	49.5	47.8	46.7
85°	29.0	30.0	30.0	28.3	28.3
87.5°	11.6	12.3	11.6	11.6	11.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)