

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: P738155

Luminaire Tested: **22PT-35-PP3-L930**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738155  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P412714)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-35-PP3-L930  
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source: -  
Ballast/Driver: -

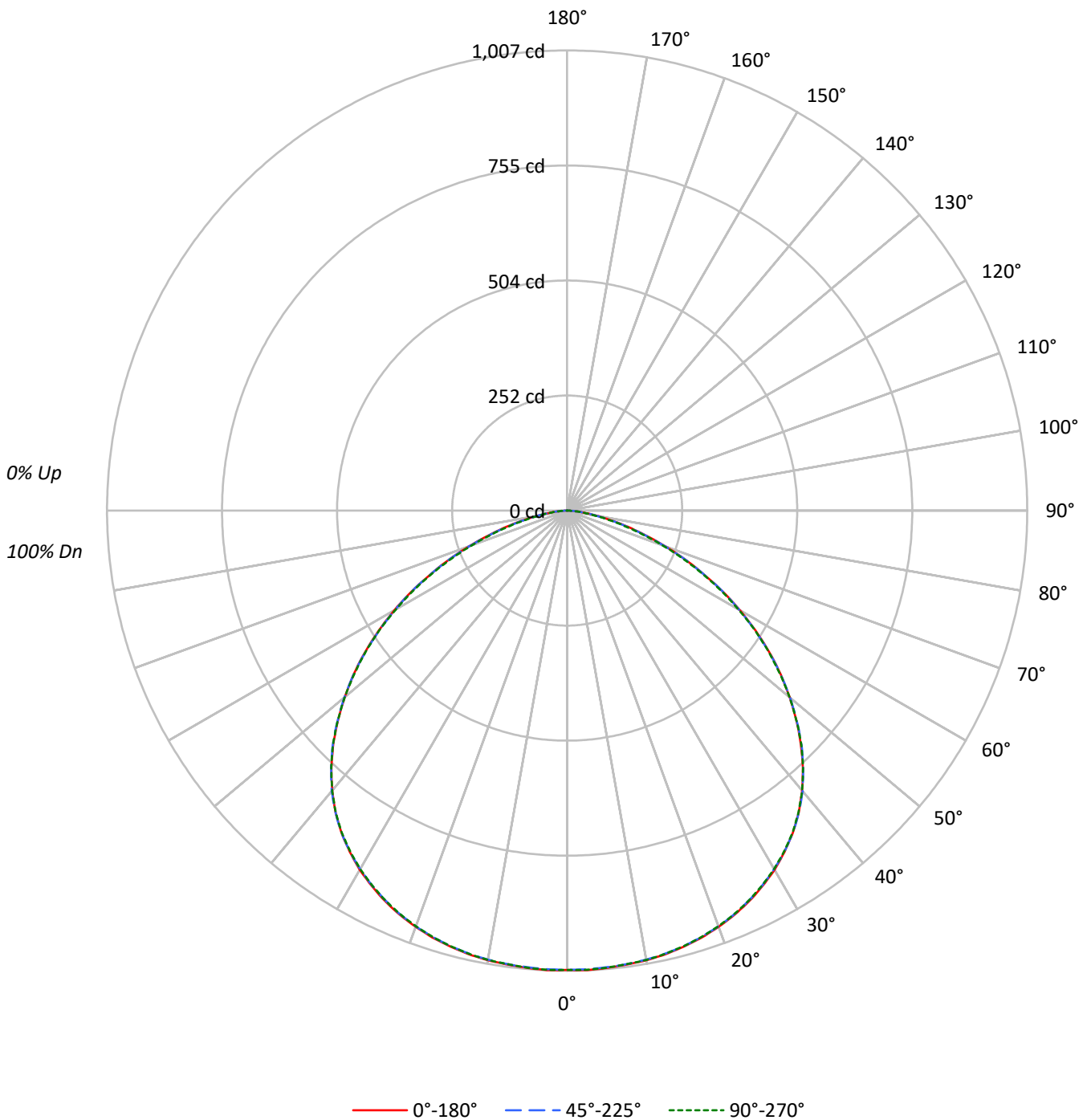
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2884.0 lumens  
Efficiency: N/A  
Efficacy: 109.7 lumens/watt  
Spacing Criteria (0/90/45): 1.33 / 1.33 / 1.43  
Luminous Opening: Rectangular (W 1.92' x L: 1.92' x H: 0')  
CIE Type: Direct

Input Watts (W): 26.3  
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	95	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72
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	70	62	56	68	61	55	66	60	55	64	58	54	52
5	77	64	55	49	75	63	55	49	61	54	48	59	53	47	57	51	47	45
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	35
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

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

	0°	45°	90°
0°	2945	2945	2945
5°	2954	2951	2953
10°	2973	2969	2971
15°	2996	2993	2993
20°	3022	3019	3018
25°	3049	3044	3044
30°	3071	3065	3064
35°	3079	3079	3075
40°	3059	3066	3059
45°	2998	3007	3003
50°	2898	2902	2895
55°	2759	2752	2746
60°	2561	2555	2535
65°	2287	2285	2260
70°	1956	1943	1901
75°	1558	1512	1466
80°	1110	1088	1031
85°	723	723	699



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	95.6	3.3
10°-20°	278.8	9.7
20°-30°	434.2	15.1
30°-40°	537.4	18.6
40°-50°	557.2	19.3
50°-60°	480.3	16.7
60°-70°	326.5	11.3
70°-80°	146.1	5.1
80°-90°	27.8	1.0
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°	808.6	28.0
0°-40°	1346.0	46.7
0°-60°	2383.5	82.6
0°-90°	2884.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2884.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1005	1005	1005	1005	1005	
5°	1004	1002	1003	1003	1004	96
15°	988	986	987	986	987	279
25°	943	942	941	941	941	435
35°	861	860	861	860	860	538
45°	724	723	726	724	725	557
55°	540	538	539	538	538	481
65°	330	333	330	329	326	328
75°	138	138	134	133	130	148
85°	22	22	22	21	21	28
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1005.2	1005.2	1005.2	1005.2	1005.2
2.5°	1006.6	1004.5	1004.5	1004.9	1005.9
5°	1004.5	1002.5	1003.2	1002.8	1003.9
7.5°	1001.9	1000.2	1001.2	1000.5	1001.2
10°	999.1	997.5	997.8	997.5	998.5
12.5°	994.4	992.5	993.1	993.1	993.5
15°	987.8	986.1	986.7	986.1	986.7
17.5°	979.7	977.7	978.1	977.7	978.3
20°	969.3	968.0	968.3	967.6	968.0
22.5°	957.5	955.9	956.2	955.6	955.6
25°	943.1	941.7	941.4	941.1	941.4
27.5°	926.3	924.7	924.7	924.3	924.3
30°	907.6	905.9	905.9	905.5	905.5
32.5°	885.4	884.7	885.1	884.4	884.0
35°	860.9	859.8	860.9	859.6	859.8
37.5°	832.4	831.0	833.0	831.7	832.0
40°	799.8	799.1	801.5	800.4	799.8
42.5°	763.6	763.6	764.6	764.9	764.2
45°	723.6	723.0	725.6	723.9	724.6
47.5°	680.6	679.7	681.7	681.3	681.0
50°	635.7	635.0	636.7	635.0	635.0
52.5°	589.0	588.7	589.0	587.3	587.0
55°	540.0	538.0	538.7	537.6	537.6
57.5°	489.0	486.6	487.0	486.6	487.0
60°	437.0	436.3	436.0	434.3	432.6
62.5°	383.7	384.3	383.9	381.6	379.9
65°	329.9	332.6	329.6	328.6	325.9
67.5°	279.3	280.2	278.2	275.9	272.9
70°	228.3	230.2	226.8	224.5	221.9
72.5°	179.6	180.9	177.9	176.6	173.2
75°	137.6	138.0	133.6	132.9	129.5
77.5°	98.0	99.3	96.0	96.0	92.6
80°	65.8	68.1	64.5	63.4	61.1
82.5°	41.3	41.6	40.6	39.6	38.6
85°	21.5	22.1	21.5	20.8	20.8
87.5°	8.1	8.4	8.1	7.7	8.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)