

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: P738132

Luminaire Tested: **22PT-35-PB1-L935**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738132  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2212-851-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-35-PB1-L935  
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND BEVEL LENS

Light Source: -  
Ballast/Driver: -

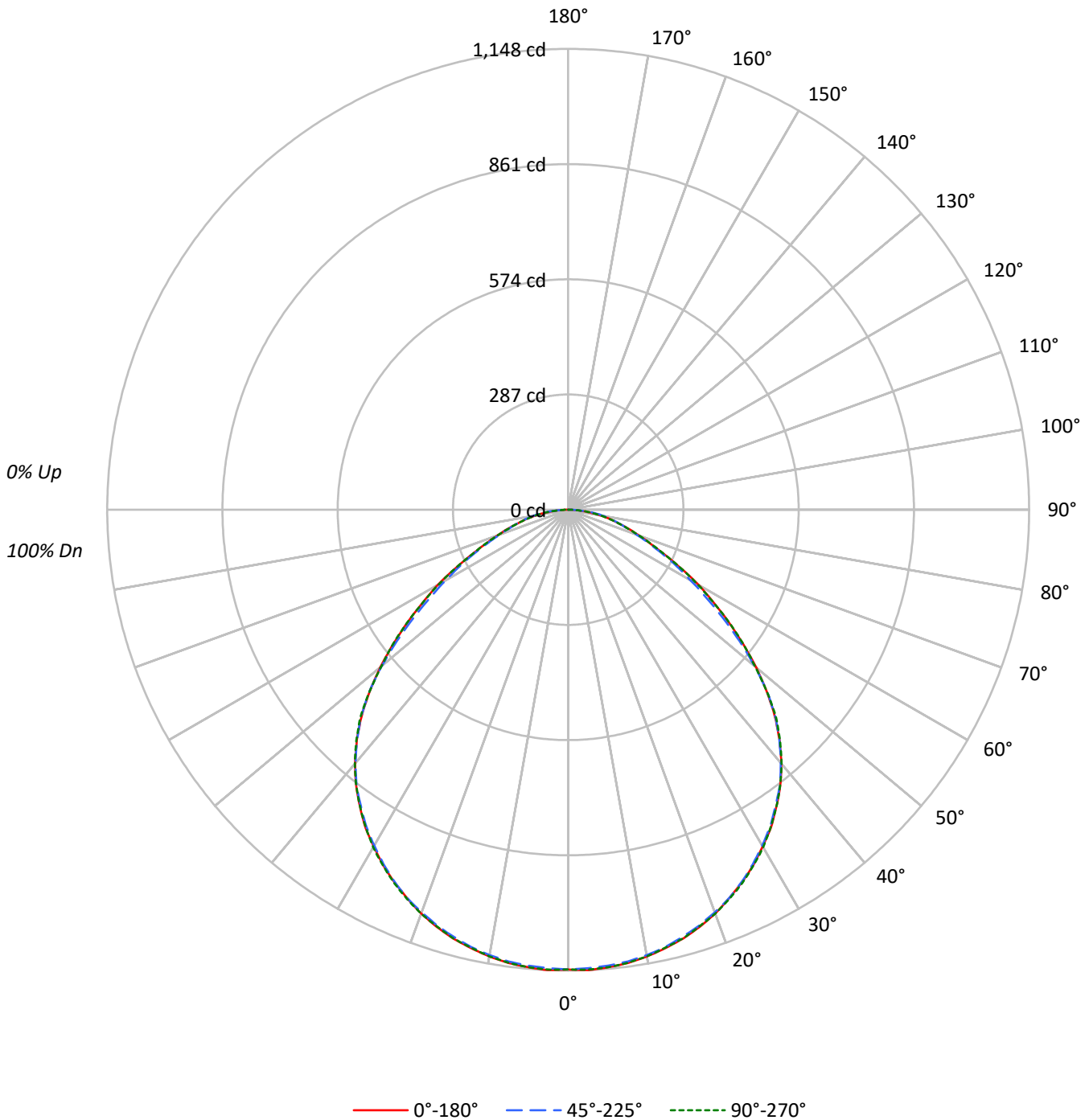
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2888.0 lumens  
Efficiency: N/A  
Efficacy: 109.8 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.35  
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	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					100			
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	86					86			
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73					73			
3	92	82	74	68	90	81	73	68	78	72	67	75	70	65	72	68	64	62					62			
4	85	73	65	59	82	72	64	58	69	63	57	67	61	57	65	60	56	54					54			
5	78	66	57	51	76	65	57	51	63	55	50	61	54	50	59	53	49	47					47			
6	72	59	51	45	70	59	50	44	57	50	44	55	49	44	54	48	43	41					41			
7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37					37			
8	63	49	41	36	61	49	41	35	47	40	35	46	40	35	45	39	35	33					33			
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30					30			
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27					27			

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

	0°	45°	90°
0°	3356	3356	3356
5°	3365	3354	3365
10°	3362	3351	3361
15°	3355	3342	3353
20°	3338	3328	3339
25°	3310	3307	3318
30°	3277	3269	3286
35°	3233	3221	3233
40°	3158	3151	3161
45°	3016	3022	3033
50°	2785	2761	2766
55°	2488	2405	2498
60°	2196	2063	2183
65°	1840	1782	1840
70°	1596	1551	1604
75°	1455	1476	1455
80°	1367	1485	1375
85°	1190	1456	1220



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	108.6	3.8
10°-20°	311.5	10.8
20°-30°	471.6	16.3
30°-40°	564.1	19.5
40°-50°	558.5	19.3
50°-60°	429.4	14.9
60°-70°	261.5	9.1
70°-80°	138.4	4.8
80°-90°	44.3	1.5
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°	891.7	30.9
0°-40°	1455.8	50.4
0°-60°	2443.8	84.6
0°-90°	2888.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2888.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1145	1145	1145	1145	1145	
5°	1144	1144	1140	1142	1144	109
15°	1106	1104	1102	1104	1105	312
25°	1024	1023	1023	1024	1026	472
35°	904	903	900	903	904	565
45°	728	728	729	730	732	558
55°	487	480	471	479	489	437
65°	265	259	257	257	265	268
75°	128	128	130	129	128	138
85°	35	40	43	41	36	41
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1145.4	1145.4	1145.4	1145.4	1145.4
2.5°	1148.2	1146.4	1143.1	1145.4	1146.8
5°	1144.0	1143.6	1140.3	1142.2	1144.0
7.5°	1138.9	1137.5	1135.2	1137.1	1138.5
10°	1130.1	1129.1	1126.4	1128.7	1129.6
12.5°	1118.9	1118.0	1116.1	1118.0	1117.5
15°	1105.9	1104.0	1101.7	1104.0	1105.4
17.5°	1089.6	1087.7	1085.8	1087.2	1088.2
20°	1070.5	1067.7	1067.2	1069.1	1070.9
22.5°	1047.7	1047.7	1047.2	1048.6	1049.5
25°	1023.9	1023.0	1023.0	1024.4	1026.2
27.5°	998.3	996.4	995.5	997.8	999.2
30°	968.5	968.0	966.2	969.9	971.3
32.5°	939.6	935.0	935.9	937.8	938.2
35°	903.8	902.9	900.5	903.3	903.8
37.5°	867.5	867.0	865.6	866.5	867.0
40°	825.6	825.1	823.7	825.6	826.5
42.5°	779.0	778.1	778.1	779.5	780.9
45°	727.8	728.2	729.2	729.6	732.0
47.5°	670.5	671.4	672.4	671.4	671.9
50°	610.9	610.4	605.8	609.0	606.7
52.5°	548.0	541.1	537.3	544.8	549.9
55°	487.0	480.5	470.7	479.1	488.9
57.5°	428.4	417.2	407.0	416.7	426.5
60°	374.8	357.6	352.0	358.1	372.5
62.5°	317.6	305.5	303.6	304.5	317.1
65°	265.4	258.9	257.0	256.6	265.4
67.5°	222.6	218.4	216.1	217.9	223.5
70°	186.3	184.4	181.1	184.4	187.2
72.5°	156.5	156.0	153.2	156.0	155.1
75°	128.5	128.5	130.4	129.4	128.5
77.5°	104.8	105.7	109.0	106.2	103.4
80°	81.0	83.3	88.0	83.8	81.5
82.5°	57.7	62.9	68.0	62.9	59.6
85°	35.4	40.5	43.3	41.0	36.3
87.5°	15.4	18.2	19.1	17.7	15.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)