

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: P738108

Luminaire Tested: **22PT-25-PP3-L935**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738108
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-25-PP3-L935
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source: -
Ballast/Driver: -

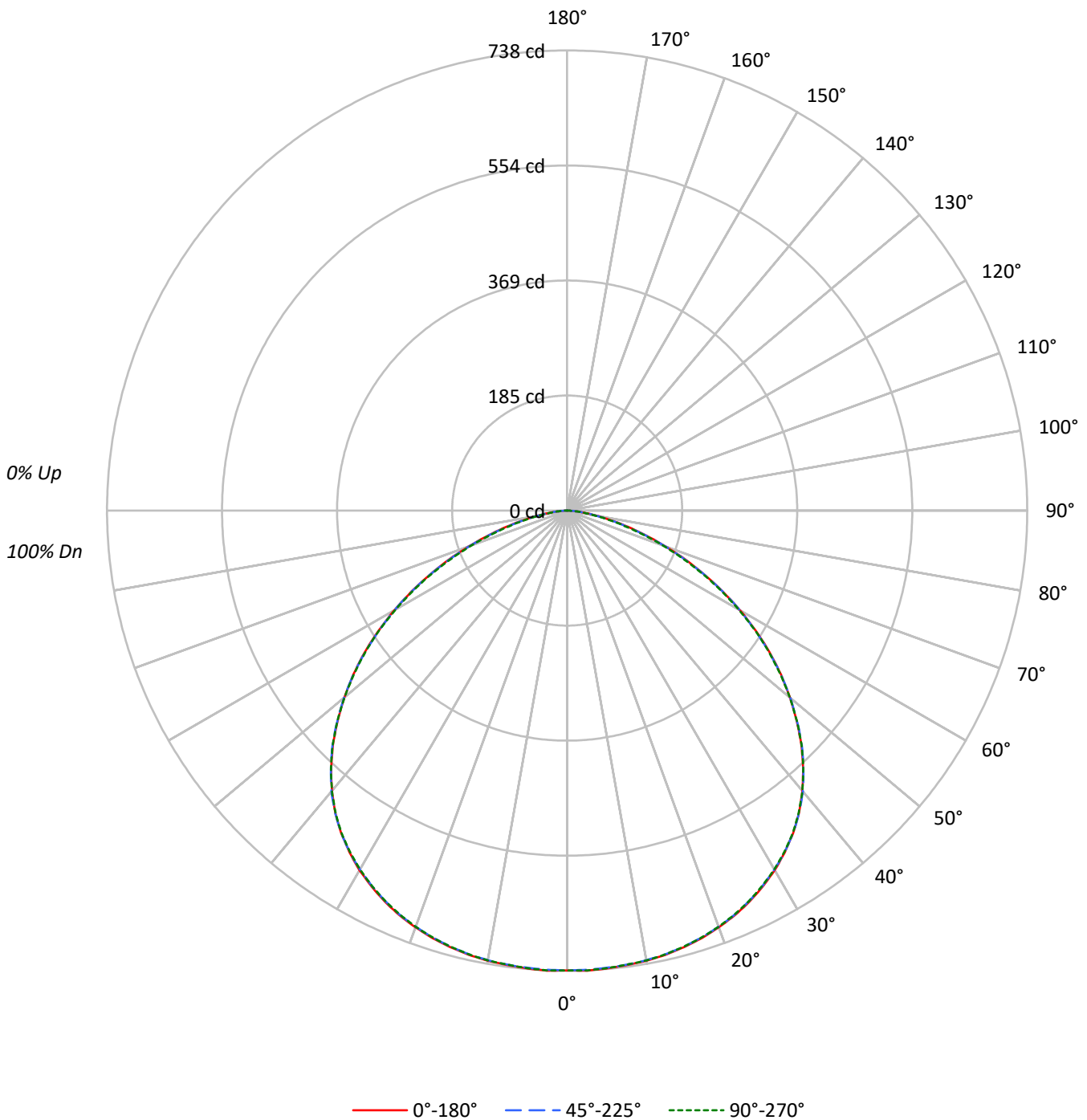
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2116.0 lumens
Efficiency: N/A
Efficacy: 113.8 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): 18.6
Input Voltage (V): NR
Input Current (A_{in}): 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°	2161	2161	2161
5°	2168	2165	2166
10°	2181	2178	2180
15°	2198	2196	2196
20°	2218	2215	2214
25°	2237	2233	2233
30°	2253	2249	2248
35°	2259	2259	2257
40°	2244	2249	2244
45°	2200	2206	2203
50°	2126	2129	2124
55°	2024	2019	2015
60°	1879	1875	1860
65°	1679	1677	1658
70°	1435	1426	1395
75°	1143	1109	1075
80°	815	798	756
85°	528	528	514



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.1	3.3
10°-20°	204.6	9.7
20°-30°	318.6	15.1
30°-40°	394.3	18.6
40°-50°	408.8	19.3
50°-60°	352.4	16.7
60°-70°	239.6	11.3
70°-80°	107.2	5.1
80°-90°	20.4	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°	593.3	28.0
0°-40°	987.6	46.7
0°-60°	1748.8	82.6
0°-90°	2116.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2116.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	738	738	738	738	738	
5°	737	736	736	736	736	70
15°	725	724	724	724	724	205
25°	692	691	691	690	691	319
35°	632	631	632	631	631	395
45°	531	530	532	531	532	409
55°	396	395	395	394	394	353
65°	242	244	242	241	239	240
75°	101	101	98	98	95	109
85°	16	16	16	15	15	21
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	737.5	737.5	737.5	737.5	737.5
2.5°	738.5	737.0	737.0	737.3	738.1
5°	737.0	735.6	736.0	735.8	736.5
7.5°	735.1	733.8	734.6	734.0	734.6
10°	733.1	731.8	732.1	731.8	732.6
12.5°	729.6	728.2	728.7	728.7	728.9
15°	724.7	723.5	724.0	723.5	724.0
17.5°	718.8	717.3	717.6	717.3	717.8
20°	711.2	710.2	710.4	709.9	710.2
22.5°	702.6	701.3	701.6	701.1	701.1
25°	692.0	691.0	690.7	690.5	690.7
27.5°	679.6	678.5	678.5	678.2	678.2
30°	665.9	664.6	664.6	664.4	664.4
32.5°	649.6	649.1	649.4	648.9	648.6
35°	631.6	630.9	631.6	630.7	630.9
37.5°	610.7	609.7	611.2	610.2	610.4
40°	586.8	586.3	588.1	587.3	586.8
42.5°	560.2	560.2	561.0	561.2	560.7
45°	530.9	530.5	532.4	531.1	531.6
47.5°	499.4	498.7	500.1	499.9	499.7
50°	466.4	465.9	467.1	465.9	465.9
52.5°	432.2	431.9	432.2	430.9	430.7
55°	396.2	394.8	395.2	394.5	394.5
57.5°	358.8	357.0	357.3	357.0	357.3
60°	320.6	320.1	319.9	318.6	317.4
62.5°	281.5	282.0	281.7	280.0	278.7
65°	242.1	244.1	241.9	241.1	239.1
67.5°	204.9	205.6	204.1	202.4	200.2
70°	167.5	168.9	166.4	164.7	162.8
72.5°	131.8	132.7	130.5	129.6	127.1
75°	101.0	101.2	98.0	97.5	95.0
77.5°	71.9	72.9	70.4	70.4	68.0
80°	48.3	50.0	47.3	46.5	44.8
82.5°	30.3	30.5	29.8	29.1	28.3
85°	15.7	16.2	15.7	15.3	15.3
87.5°	5.9	6.1	5.9	5.7	5.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)