

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: P738296

Luminaire Tested: **22PT-60-PP3-L835**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738296
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-60-PP3-L835
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PRISM LENS

Light Source: -
Ballast/Driver: -

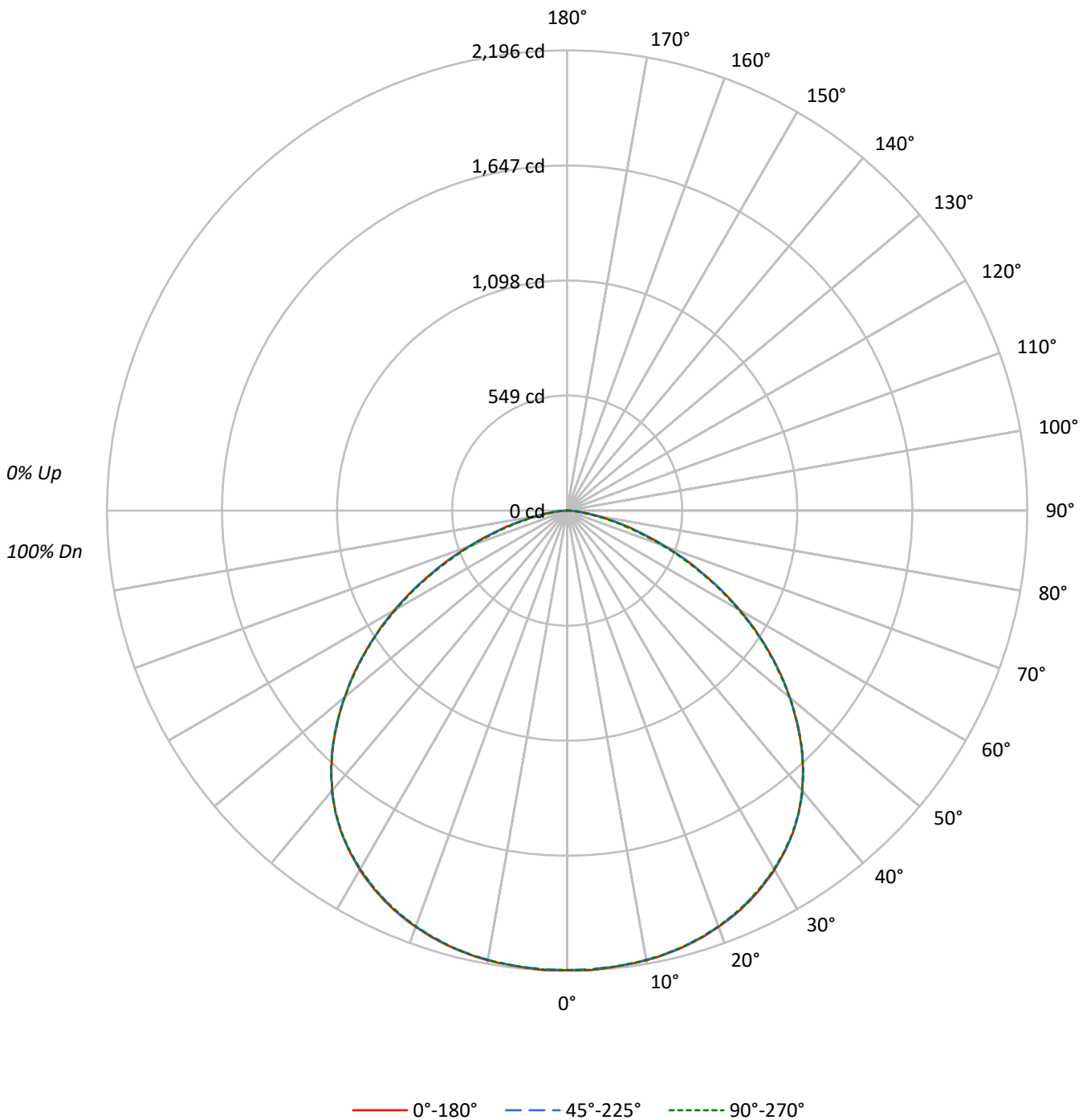
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6291.0 lumens
Efficiency: N/A
Efficacy: 121.4 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): 51.8
Input Voltage (V): NR
Input Current (Ain): 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°	6424	6424	6424
5°	6445	6436	6441
10°	6485	6476	6480
15°	6536	6529	6529
20°	6593	6586	6584
25°	6651	6639	6639
30°	6698	6685	6683
35°	6717	6717	6709
40°	6673	6687	6673
45°	6541	6559	6550
50°	6321	6331	6314
55°	6017	6003	5991
60°	5586	5573	5530
65°	4990	4985	4928
70°	4265	4239	4146
75°	3399	3299	3198
80°	2421	2372	2249
85°	1573	1573	1526



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	208.5	3.3
10°-20°	608.2	9.7
20°-30°	947.1	15.1
30°-40°	1172.2	18.6
40°-50°	1215.5	19.3
50°-60°	1047.7	16.7
60°-70°	712.3	11.3
70°-80°	318.7	5.1
80°-90°	60.7	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°	1763.9	28.0
0°-40°	2936.1	46.7
0°-60°	5199.3	82.6
0°-90°	6291.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6291.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2193	2193	2193	2193	2193	
5°	2191	2187	2188	2188	2190	209
15°	2155	2151	2152	2151	2152	609
25°	2057	2054	2054	2053	2054	949
35°	1878	1876	1878	1875	1876	1173
45°	1578	1577	1583	1579	1581	1215
55°	1178	1174	1175	1173	1173	1050
65°	720	726	719	717	711	715
75°	300	301	291	290	282	323
85°	47	48	47	45	45	62
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2192.6	2192.6	2192.6	2192.6	2192.6
2.5°	2195.7	2191.2	2191.2	2192.0	2194.3
5°	2191.2	2186.9	2188.3	2187.5	2189.8
7.5°	2185.4	2181.7	2184.0	2182.4	2184.0
10°	2179.5	2175.8	2176.6	2175.8	2178.1
12.5°	2169.2	2164.9	2166.3	2166.3	2167.2
15°	2154.6	2150.9	2152.4	2150.9	2152.4
17.5°	2137.0	2132.7	2133.5	2132.7	2134.1
20°	2114.4	2111.5	2112.1	2110.7	2111.5
22.5°	2088.7	2085.0	2085.9	2084.4	2084.4
25°	2057.3	2054.2	2053.6	2052.8	2053.6
27.5°	2020.6	2017.1	2017.1	2016.3	2016.3
30°	1979.7	1976.0	1976.0	1975.2	1975.2
32.5°	1931.3	1929.8	1930.6	1929.2	1928.4
35°	1877.9	1875.6	1877.9	1875.0	1875.6
37.5°	1815.7	1812.8	1817.1	1814.2	1814.8
40°	1744.6	1743.2	1748.3	1746.1	1744.6
42.5°	1665.6	1665.6	1667.8	1668.4	1667.0
45°	1578.5	1577.1	1582.8	1579.1	1580.6
47.5°	1484.7	1482.6	1486.9	1486.1	1485.5
50°	1386.7	1385.1	1388.8	1385.1	1385.1
52.5°	1284.9	1284.1	1284.9	1281.2	1280.4
55°	1177.9	1173.6	1175.1	1172.8	1172.8
57.5°	1066.6	1061.5	1062.3	1061.5	1062.3
60°	953.3	951.7	951.0	947.4	943.7
62.5°	836.9	838.3	837.5	832.4	828.7
65°	719.7	725.6	719.0	716.8	710.8
67.5°	609.2	611.2	606.9	601.8	595.2
70°	497.9	502.2	494.8	489.7	483.9
72.5°	391.8	394.6	388.1	385.2	377.8
75°	300.2	301.0	291.4	289.9	282.5
77.5°	213.7	216.6	209.4	209.4	202.0
80°	143.5	148.7	140.6	138.4	133.3
82.5°	90.1	90.8	88.5	86.4	84.2
85°	46.8	48.3	46.8	45.4	45.4
87.5°	17.7	18.3	17.7	16.8	17.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)