

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: P738276

Luminaire Tested: **22PT-60-PB1-L935**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738276
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-60-PB1-L935
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND BEVEL LENS

Light Source: -
Ballast/Driver: -

Summary

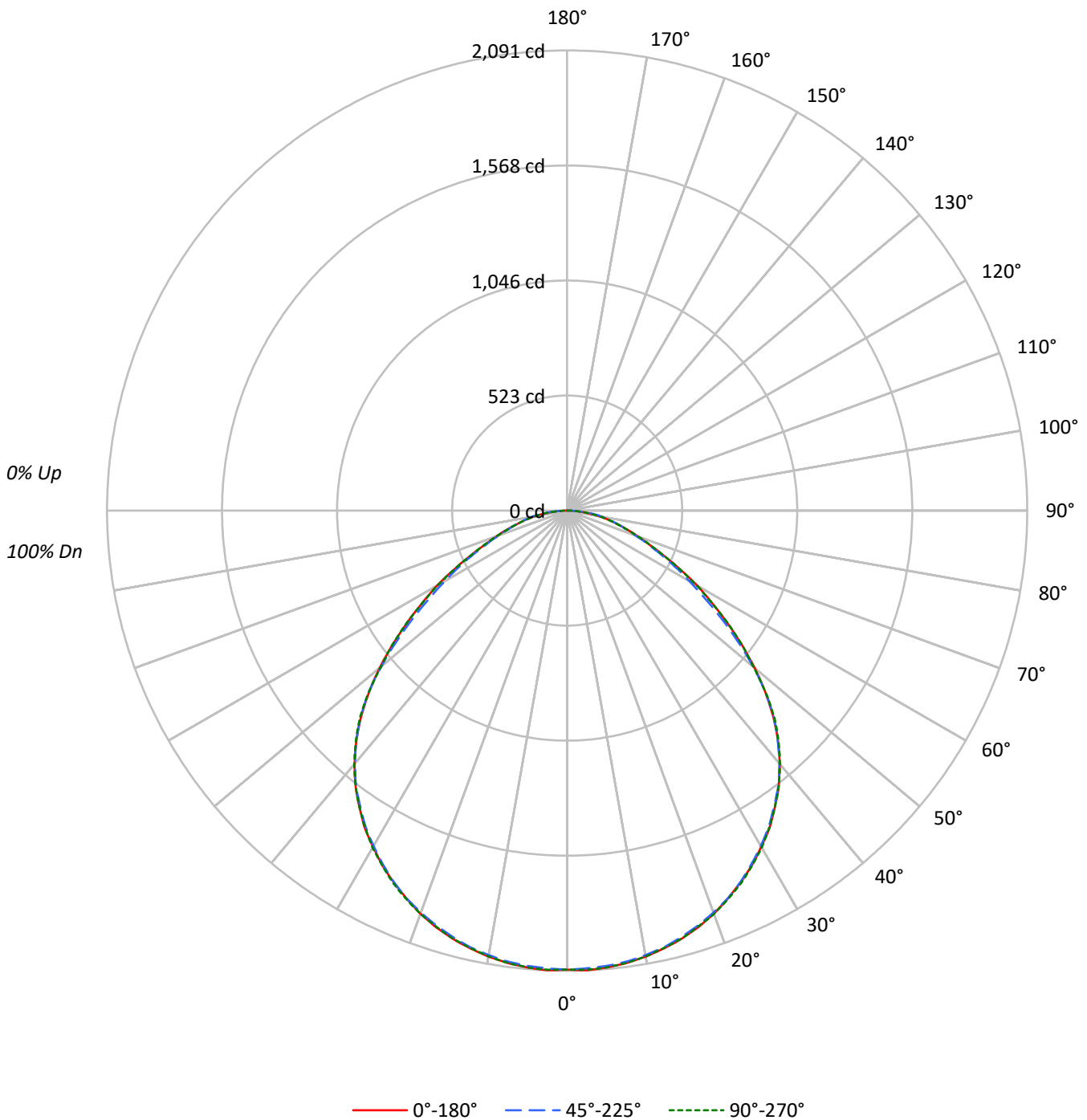
Lumens per Lamp: N/A
Luminaire Lumens: 5259.0 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.35
Luminous Opening: Rectangular (W 1.92' x L: 1.92' x H: 0')
CIE Type: Direct

Input Watts (W): 51.8
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	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°	6112	6112	6112
5°	6128	6108	6128
10°	6123	6103	6120
15°	6109	6085	6106
20°	6078	6060	6081
25°	6028	6022	6042
30°	5967	5953	5984
35°	5887	5865	5887
40°	5750	5737	5757
45°	5492	5502	5523
50°	5071	5028	5036
55°	4531	4379	4548
60°	4000	3756	3975
65°	3351	3245	3351
70°	2906	2825	2920
75°	2649	2688	2649
80°	2489	2705	2504
85°	2165	2653	2222



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.8	3.8
10°-20°	567.2	10.8
20°-30°	858.8	16.3
30°-40°	1027.2	19.5
40°-50°	1017.1	19.3
50°-60°	782.0	14.9
60°-70°	476.2	9.1
70°-80°	252.0	4.8
80°-90°	80.7	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°	1623.8	30.9
0°-40°	2651.0	50.4
0°-60°	4450.1	84.6
0°-90°	5259.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5259.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2086	2086	2086	2086	2086	
5°	2083	2082	2076	2080	2083	198
15°	2014	2010	2006	2010	2013	568
25°	1864	1863	1863	1865	1869	859
35°	1646	1644	1640	1645	1646	1029
45°	1325	1326	1328	1329	1333	1017
55°	887	875	857	872	890	795
65°	483	471	468	467	483	489
75°	234	234	237	236	234	251
85°	64	74	79	75	66	74
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2085.8	2085.8	2085.8	2085.8	2085.8
2.5°	2090.9	2087.5	2081.6	2085.8	2088.4
5°	2083.3	2082.4	2076.5	2079.9	2083.3
7.5°	2074.0	2071.4	2067.2	2070.6	2073.1
10°	2057.9	2056.2	2051.1	2055.3	2057.0
12.5°	2037.5	2035.8	2032.4	2035.8	2035.0
15°	2013.8	2010.4	2006.1	2010.4	2012.9
17.5°	1984.1	1980.7	1977.3	1979.8	1981.5
20°	1949.3	1944.2	1943.4	1946.8	1950.2
22.5°	1907.8	1907.8	1906.9	1909.5	1911.2
25°	1864.5	1862.8	1862.8	1865.4	1868.8
27.5°	1817.9	1814.5	1812.8	1817.1	1819.6
30°	1763.6	1762.8	1759.4	1766.2	1768.7
32.5°	1711.1	1702.6	1704.3	1707.7	1708.5
35°	1645.8	1644.1	1639.8	1644.9	1645.8
37.5°	1579.6	1578.8	1576.2	1577.9	1578.8
40°	1503.3	1502.5	1499.9	1503.3	1505.0
42.5°	1418.5	1416.8	1416.8	1419.4	1421.9
45°	1325.3	1326.1	1327.8	1328.7	1332.9
47.5°	1221.0	1222.7	1224.4	1222.7	1223.5
50°	1112.4	1111.6	1103.1	1109.1	1104.8
52.5°	998.0	985.3	978.5	992.0	1001.4
55°	886.9	875.0	857.2	872.5	890.3
57.5°	780.1	759.7	741.1	758.9	776.7
60°	682.6	651.2	641.0	652.0	678.3
62.5°	578.3	556.2	552.8	554.5	577.4
65°	483.3	471.4	468.0	467.2	483.3
67.5°	405.3	397.7	393.4	396.8	407.0
70°	339.2	335.8	329.8	335.8	340.9
72.5°	284.9	284.0	279.0	284.0	282.4
75°	234.0	234.0	237.4	235.7	234.0
77.5°	190.8	192.5	198.4	193.3	188.2
80°	147.5	151.8	160.3	152.6	148.4
82.5°	105.1	114.5	123.8	114.5	108.5
85°	64.4	73.8	78.9	74.6	66.1
87.5°	28.0	33.1	34.8	32.2	28.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)