

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: P738365

Luminaire Tested: **22PT-60-PW1-L940**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738365
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2210-816-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PT-60-PW1-L940
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND WAVES LENS

Light Source: -
Ballast/Driver: -

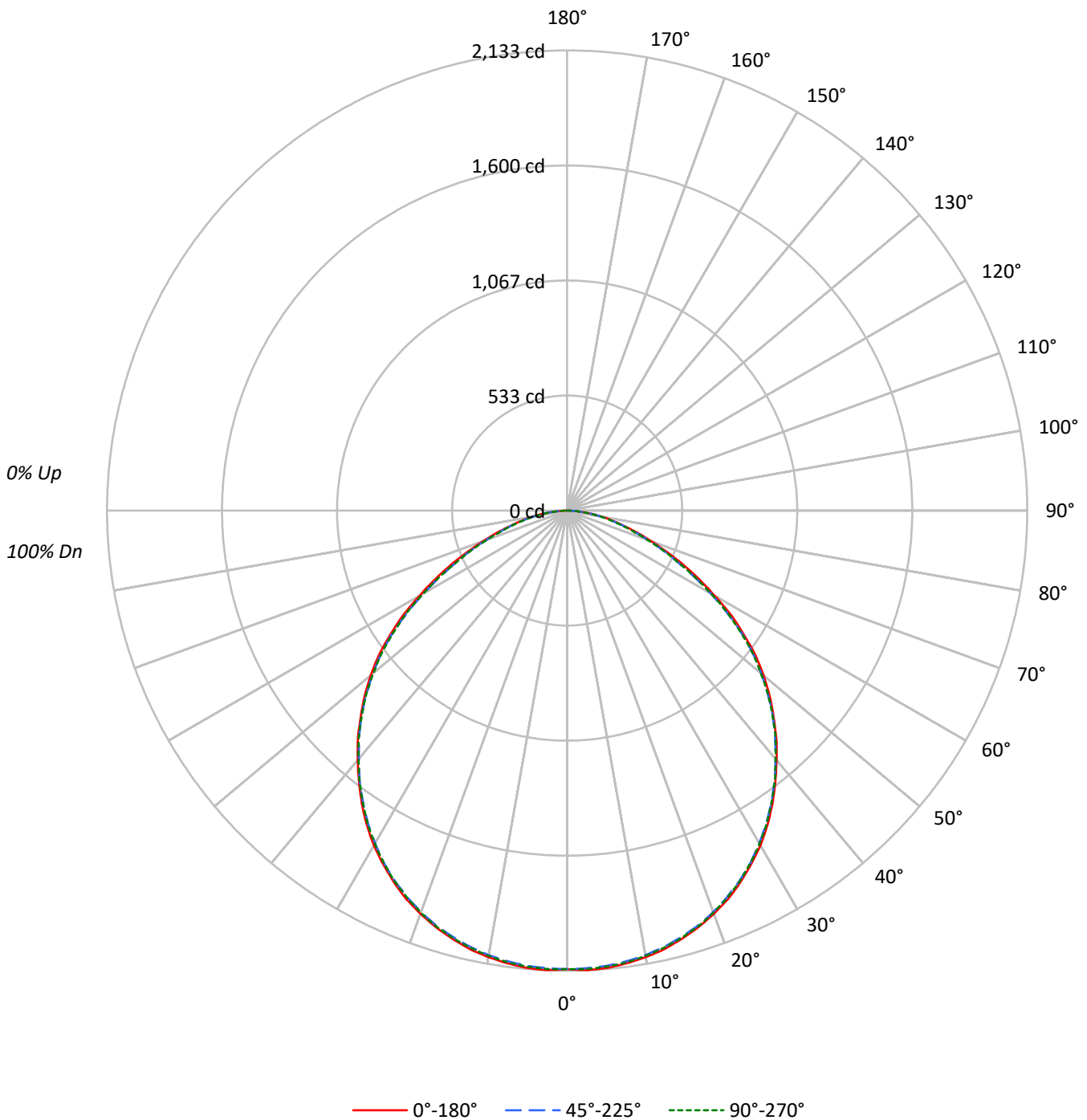
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5535.0 lumens
Efficiency: N/A
Efficacy: 106.9 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.34
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

TEST NUMBER: P738365
CATALOG NUMBER: 22PT-60-PW1-L940

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	86	80	97	90	84	79	87	82	77		84	79	76		81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66		74	69	64		72	67	63	61
4	84	72	64	57	82	71	63	57	69	62	56		66	60	56		64	59	55	53
5	77	65	56	50	75	64	56	49	62	54	49		60	53	48		58	52	48	46
6	72	59	50	44	70	58	49	43	56	48	43		54	48	43		53	47	42	40
7	66	53	45	39	65	52	44	38	51	44	38		49	43	38		48	42	38	36
8	62	49	40	35	60	48	40	34	47	39	34		45	39	34		44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31		42	35	31		41	35	31	29
10	54	41	33	28	53	41	33	28	40	33	28		39	32	28		38	32	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6228	6228	6228
5°	6258	6230	6242
10°	6254	6223	6236
15°	6233	6206	6221
20°	6201	6174	6184
25°	6145	6117	6125
30°	6064	6025	6033
35°	5935	5902	5906
40°	5777	5747	5752
45°	5609	5589	5582
50°	5415	5355	5341
55°	5102	5035	5007
60°	4632	4498	4508
65°	4118	3926	3926
70°	3530	3401	3375
75°	3062	2994	2925
80°	2755	2642	2592
85°	2189	2209	2084



TEST NUMBER: P738365

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.5	3.6
10°-20°	577.9	10.4
20°-30°	871.9	15.8
30°-40°	1032.6	18.7
40°-50°	1039.5	18.8
50°-60°	879.0	15.9
60°-70°	571.6	10.3
70°-80°	284.4	5.1
80°-90°	76.6	1.4
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°	1651.3	29.8
0°-40°	2683.9	48.5
0°-60°	4602.4	83.2
0°-90°	5535.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5535.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2125	2125	2125	2125	2125	
5°	2128	2120	2118	2117	2122	202
15°	2055	2048	2046	2045	2051	580
25°	1901	1894	1892	1890	1895	875
35°	1659	1652	1650	1650	1651	1037
45°	1354	1349	1349	1347	1347	1045
55°	999	990	986	981	980	891
65°	594	578	566	562	566	589
75°	270	270	264	257	258	293
85°	65	66	66	66	62	78
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2125.4	2125.4	2125.4	2125.4	2125.4
2.5°	2132.6	2125.4	2122.9	2121.7	2127.2
5°	2127.8	2119.9	2118.1	2116.9	2122.3
7.5°	2116.9	2109.7	2107.3	2106.7	2112.1
10°	2101.9	2094.6	2091.6	2090.4	2095.8
12.5°	2082.6	2074.8	2071.7	2070.5	2075.4
15°	2054.9	2048.2	2045.8	2045.2	2050.7
17.5°	2024.7	2018.1	2016.9	2015.1	2020.5
20°	1988.6	1982.0	1980.2	1977.8	1983.2
22.5°	1948.8	1941.0	1938.6	1936.8	1941.0
25°	1900.7	1894.0	1892.2	1890.4	1894.6
27.5°	1847.6	1842.8	1840.4	1838.6	1841.0
30°	1792.2	1783.8	1780.8	1779.6	1783.2
32.5°	1728.4	1722.3	1718.1	1717.5	1721.7
35°	1659.1	1651.8	1650.0	1650.0	1651.2
37.5°	1585.6	1582.0	1579.0	1577.1	1580.8
40°	1510.3	1509.1	1502.4	1501.8	1503.7
42.5°	1436.2	1431.4	1426.5	1429.0	1430.2
45°	1353.6	1348.8	1348.8	1347.0	1347.0
47.5°	1274.1	1269.3	1262.7	1263.3	1264.5
50°	1188.0	1182.0	1174.7	1178.9	1171.7
52.5°	1100.0	1089.2	1083.8	1083.8	1083.2
55°	998.8	990.4	985.6	981.3	980.1
57.5°	901.2	888.6	876.5	877.7	881.9
60°	790.4	784.4	767.5	768.7	769.3
62.5°	690.4	678.9	661.5	661.5	667.5
65°	594.0	577.7	566.3	562.1	566.3
67.5°	499.4	490.4	480.7	474.1	480.1
70°	412.1	407.2	397.0	390.4	394.0
72.5°	341.0	334.3	325.9	322.3	318.7
75°	270.5	270.5	264.5	257.2	258.4
77.5°	213.3	211.5	207.2	204.2	204.2
80°	163.3	161.4	156.6	155.4	153.6
82.5°	112.7	113.3	110.8	109.0	106.6
85°	65.1	66.3	65.7	65.7	62.0
87.5°	27.7	25.3	27.1	26.5	28.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)