

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: P738286

Luminaire Tested: **22PT-60-PC3-L950**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738286
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P413056)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PT-60-PC3-L950
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND PARAMID LENS

Light Source: -
Ballast/Driver: -

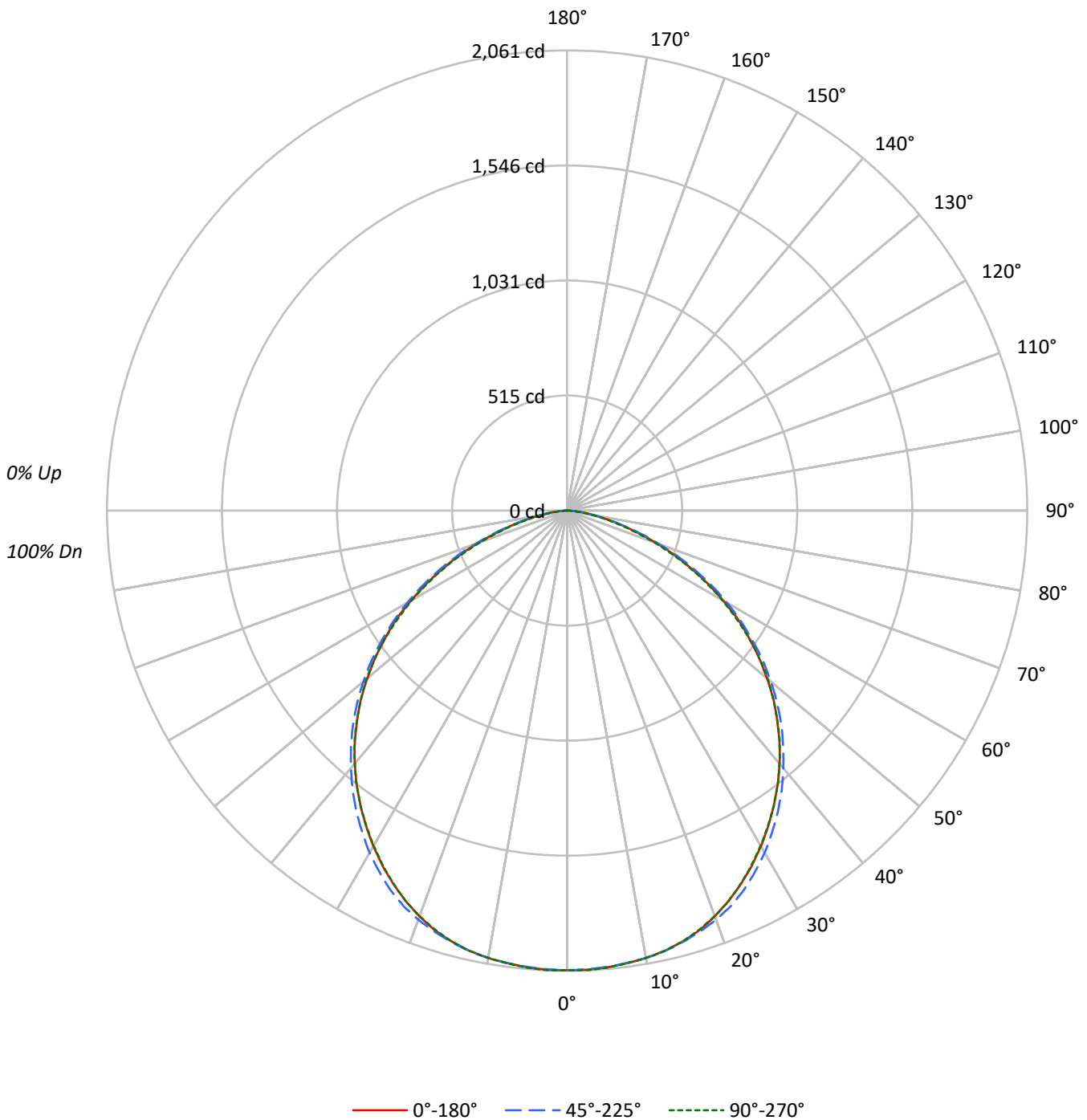
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5530.0 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.37
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

TEST NUMBER: P738286
CATALOG NUMBER: 22PT-60-PC3-L950

Luminous Intensity Polar Plot





TEST NUMBER: P738286

CATALOG NUMBER: 22PT-60-PC3-L950

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	110	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	83	79	76	80	77	74	72
3	91	81	73	67	89	80	72	67	77	70	65	74	69	64	71	67	63	61
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	49	75	63	55	49	61	54	49	59	53	48	58	52	47	45
6	71	58	49	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6032	6032	6032
5°	6039	6035	6043
10°	6054	6052	6054
15°	6061	6069	6060
20°	6031	6079	6027
25°	5961	6058	5957
30°	5873	5988	5863
35°	5771	5886	5771
40°	5662	5763	5662
45°	5513	5622	5521
50°	5325	5429	5346
55°	5078	5177	5078
60°	4734	4854	4705
65°	4249	4398	4195
70°	3635	3763	3528
75°	2883	2965	2734
80°	2067	2145	1967
85°	1365	1409	1278



TEST NUMBER: P738286

CATALOG NUMBER: 22PT-60-PC3-L950

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.3	3.5
10°-20°	564.1	10.2
20°-30°	855.9	15.5
30°-40°	1022.1	18.5
40°-50°	1039.5	18.8
50°-60°	899.2	16.3
60°-70°	618.7	11.2
70°-80°	280.8	5.1
80°-90°	54.4	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°	1615.3	29.2
0°-40°	2637.5	47.7
0°-60°	4576.1	82.8
0°-90°	5530.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5530.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2058	2058	2058	2058	2058	
5°	2053	2051	2052	2052	2055	195
15°	1998	2000	2001	1998	1998	564
25°	1844	1860	1874	1857	1842	849
35°	1613	1642	1645	1640	1613	1009
45°	1330	1355	1357	1355	1332	1026
55°	994	1011	1013	1012	994	888
65°	613	630	634	629	605	608
75°	255	264	262	259	242	274
85°	41	43	42	41	38	53
90°	0	0	0	0	0	



TEST NUMBER: P738286

CATALOG NUMBER: 22PT-60-PC3-L950

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2058.5	2058.5	2058.5	2058.5	2058.5
2.5°	2058.5	2055.9	2056.4	2057.2	2061.0
5°	2053.3	2051.3	2051.8	2051.8	2054.6
7.5°	2044.7	2044.1	2044.1	2043.4	2045.4
10°	2034.9	2033.7	2034.2	2033.7	2034.9
12.5°	2019.9	2019.9	2020.4	2018.6	2019.9
15°	1998.2	1999.5	2000.8	1997.7	1997.7
17.5°	1970.7	1974.0	1977.3	1971.4	1968.1
20°	1934.1	1942.0	1949.7	1940.5	1932.8
22.5°	1891.5	1904.5	1916.5	1902.0	1891.5
25°	1843.8	1860.1	1873.9	1856.8	1842.5
27.5°	1792.0	1810.3	1823.4	1809.0	1789.4
30°	1735.8	1758.0	1769.7	1756.0	1733.0
32.5°	1675.5	1701.6	1708.8	1700.3	1674.1
35°	1613.3	1642.1	1645.4	1639.5	1613.3
37.5°	1548.4	1576.0	1578.6	1575.2	1548.4
40°	1480.3	1505.8	1506.6	1506.6	1480.3
42.5°	1407.7	1432.5	1432.5	1431.8	1409.6
45°	1330.4	1354.7	1356.7	1355.2	1332.4
47.5°	1253.8	1272.2	1275.3	1272.8	1252.6
50°	1168.1	1187.0	1191.0	1188.3	1172.7
52.5°	1082.9	1100.7	1104.5	1102.5	1084.9
55°	994.0	1010.9	1013.4	1011.6	994.0
57.5°	908.2	919.2	921.8	917.9	895.7
60°	807.9	823.7	828.3	823.7	802.8
62.5°	711.1	728.0	732.1	725.5	703.2
65°	612.9	629.8	634.4	629.2	605.0
67.5°	519.9	532.2	536.3	530.4	508.0
70°	424.3	440.0	439.3	431.4	411.8
72.5°	330.0	351.5	347.7	343.1	321.4
75°	254.7	264.5	261.9	259.3	241.5
77.5°	182.0	193.8	187.3	187.9	172.8
80°	122.5	133.5	127.1	124.3	116.6
82.5°	77.9	82.5	81.2	79.9	72.7
85°	40.6	43.2	41.9	40.6	38.0
87.5°	15.8	17.1	15.8	15.8	14.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)