

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: P738284

Luminaire Tested: **22PT-60-PC3-L935**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738284
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-L935
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PARAMID LENS

Light Source: -
Ballast/Driver: -

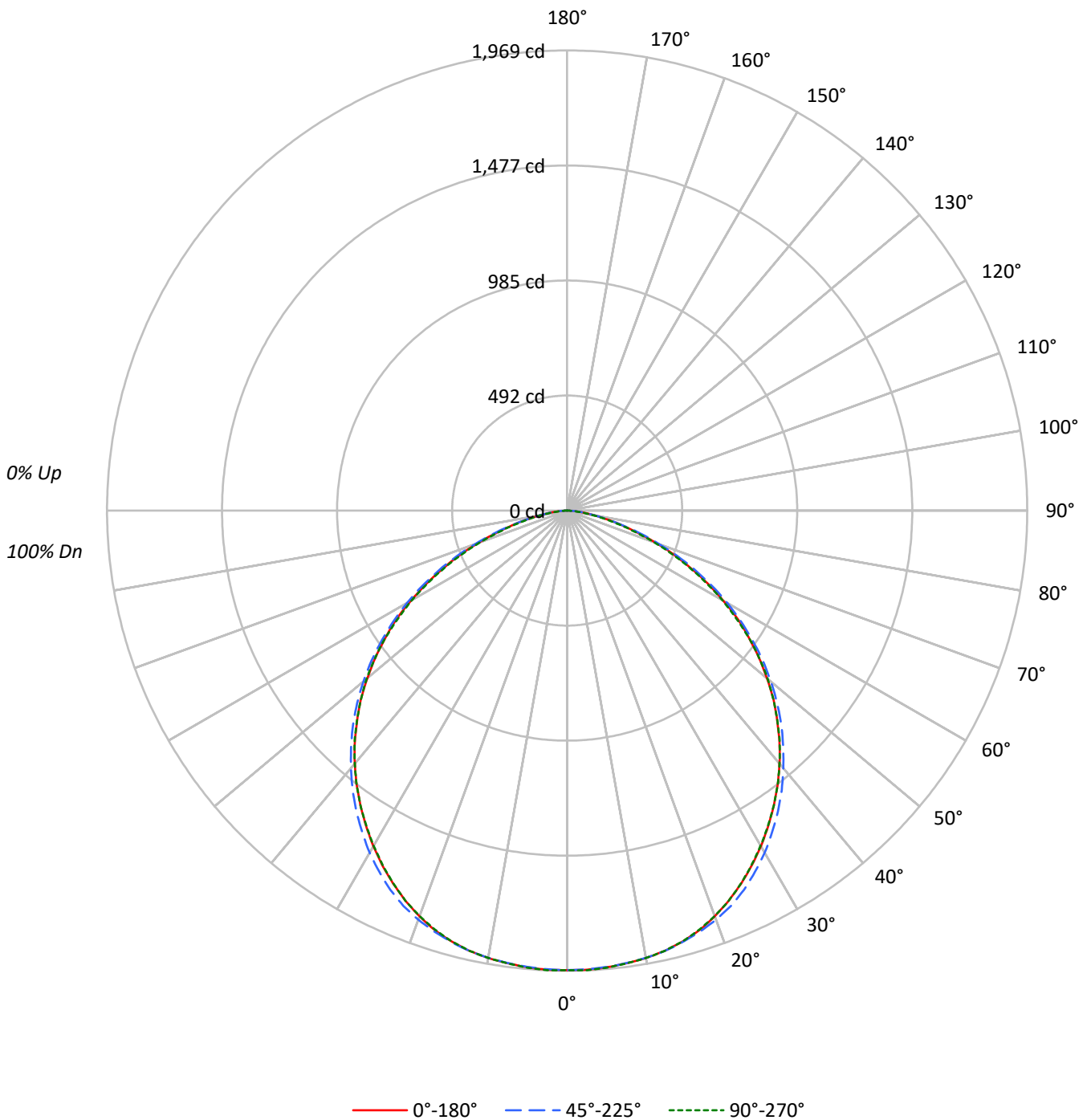
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5283.0 lumens
Efficiency: N/A
Efficacy: 102.0 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 (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	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°	5762	5762	5762
5°	5770	5765	5773
10°	5784	5782	5784
15°	5791	5798	5789
20°	5761	5808	5758
25°	5695	5788	5691
30°	5610	5720	5601
35°	5513	5623	5513
40°	5409	5505	5409
45°	5267	5371	5275
50°	5087	5187	5107
55°	4851	4946	4851
60°	4523	4637	4494
65°	4059	4201	4007
70°	3472	3596	3370
75°	2756	2832	2612
80°	1974	2048	1880
85°	1304	1345	1220



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.6	3.5
10°-20°	538.9	10.2
20°-30°	817.7	15.5
30°-40°	976.5	18.5
40°-50°	993.1	18.8
50°-60°	859.0	16.3
60°-70°	591.1	11.2
70°-80°	268.3	5.1
80°-90°	51.9	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°	1543.2	29.2
0°-40°	2519.7	47.7
0°-60°	4371.7	82.8
0°-90°	5283.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5283.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1966	1966	1966	1966	1966	
5°	1962	1960	1960	1960	1963	187
15°	1909	1910	1911	1908	1908	538
25°	1761	1777	1790	1774	1760	811
35°	1541	1569	1572	1566	1541	964
45°	1271	1294	1296	1295	1273	980
55°	950	966	968	966	950	848
65°	586	602	606	601	578	581
75°	243	253	250	248	231	262
85°	39	41	40	39	36	51
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1966.5	1966.5	1966.5	1966.5	1966.5
2.5°	1966.5	1964.1	1964.6	1965.3	1969.0
5°	1961.6	1959.7	1960.2	1960.2	1962.8
7.5°	1953.4	1952.8	1952.8	1952.1	1954.1
10°	1944.1	1942.8	1943.3	1942.8	1944.1
12.5°	1929.7	1929.7	1930.2	1928.4	1929.7
15°	1909.0	1910.2	1911.4	1908.4	1908.4
17.5°	1882.6	1885.8	1889.0	1883.3	1880.2
20°	1847.7	1855.3	1862.6	1853.9	1846.5
22.5°	1807.0	1819.5	1830.9	1817.0	1807.0
25°	1761.4	1777.0	1790.2	1773.9	1760.2
27.5°	1711.9	1729.5	1741.9	1728.2	1709.5
30°	1658.2	1679.5	1690.7	1677.5	1655.6
32.5°	1600.7	1625.6	1632.4	1624.4	1599.3
35°	1541.2	1568.8	1571.9	1566.3	1541.2
37.5°	1479.3	1505.6	1508.0	1504.9	1479.3
40°	1414.2	1438.6	1439.3	1439.3	1414.2
42.5°	1344.9	1368.6	1368.6	1367.9	1346.6
45°	1271.0	1294.2	1296.1	1294.7	1272.9
47.5°	1197.8	1215.4	1218.4	1215.9	1196.6
50°	1115.9	1134.0	1137.8	1135.2	1120.3
52.5°	1034.5	1051.5	1055.2	1053.3	1036.4
55°	949.6	965.7	968.2	966.4	949.6
57.5°	867.6	878.2	880.6	876.9	855.7
60°	771.8	786.9	791.3	786.9	766.9
62.5°	679.4	695.5	699.4	693.1	671.8
65°	585.5	601.6	606.0	601.1	578.0
67.5°	496.7	508.5	512.3	506.7	485.3
70°	405.3	420.4	419.7	412.1	393.4
72.5°	315.3	335.8	332.1	327.8	307.0
75°	243.4	252.7	250.2	247.7	230.7
77.5°	173.9	185.1	179.0	179.5	165.1
80°	117.0	127.6	121.4	118.8	111.4
82.5°	74.4	78.8	77.6	76.3	69.5
85°	38.8	41.2	40.0	38.8	36.3
87.5°	15.1	16.3	15.1	15.1	13.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)