

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: P738308

Luminaire Tested: **22PT-60-PR1-L935**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738308
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P506224)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PT-60-PR1-L935
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND RIPLE LENS

Light Source: -
Ballast/Driver: -

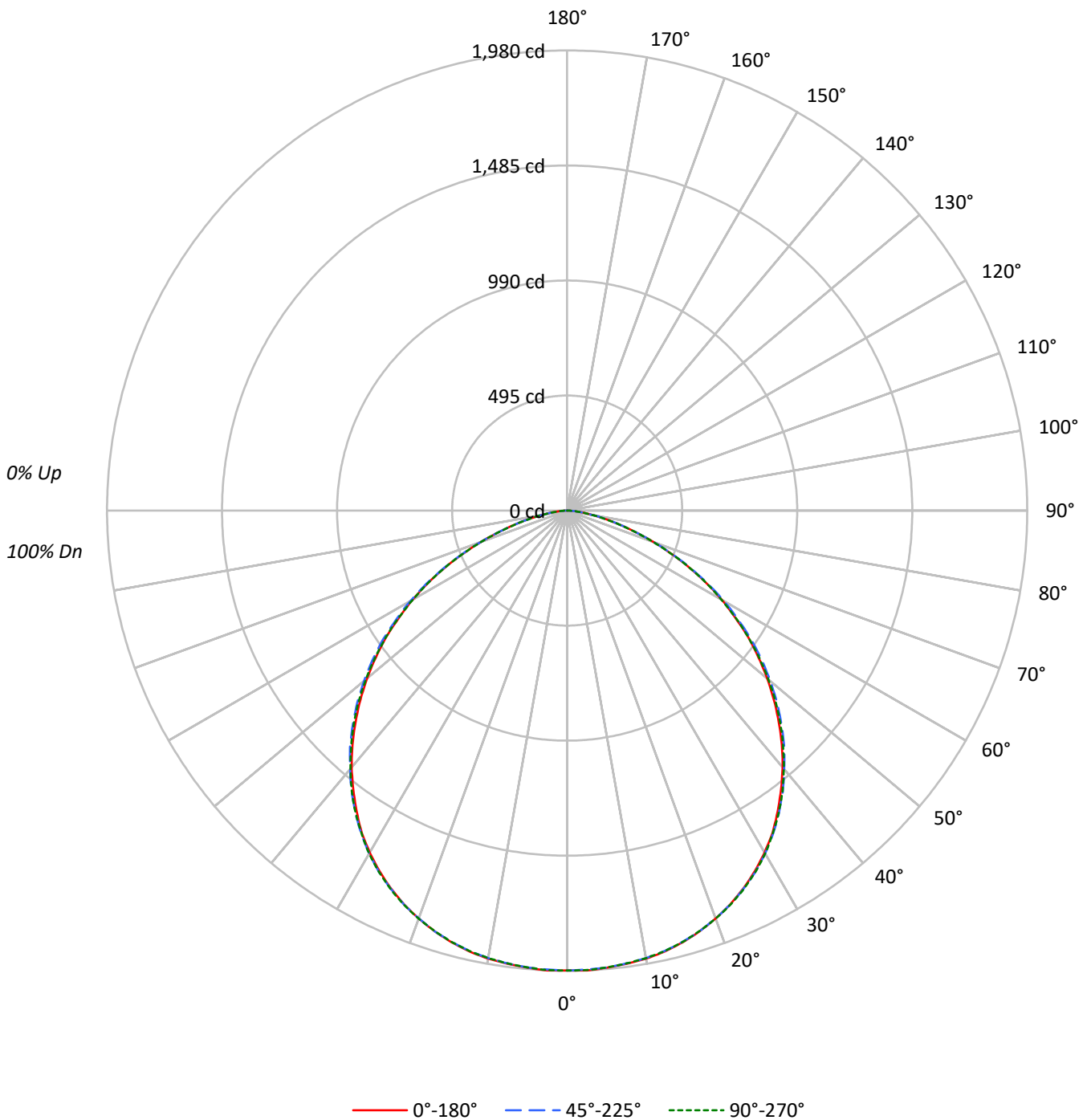
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5288.0 lumens
Efficiency: N/A
Efficacy: 102.1 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 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: P738308
CATALOG NUMBER: 22PT-60-PR1-L935

Luminous Intensity Polar Plot





TEST NUMBER: P738308

CATALOG NUMBER: 22PT-60-PR1-L935

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	98	107	103	99	96	99	96	93		95	92	90		91	89	88	85
2	100	92	86	80	98	90	85	80	87	82	78		84	80	76		81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66		74	69	65		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	71	58	50	43	70	58	49	43	56	48	43		54	48	43		52	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38		49	43	38		48	42	37	36
8	62	48	40	34	60	48	40	34	46	39	34		45	39	34		44	38	34	32
9	58	44	36	31	56	44	36	31	43	36	31		42	35	31		41	35	30	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°	5799	5799	5799
5°	5807	5803	5803
10°	5825	5817	5817
15°	5832	5827	5828
20°	5824	5822	5826
25°	5800	5805	5810
30°	5747	5765	5767
35°	5650	5681	5678
40°	5518	5556	5549
45°	5337	5406	5378
50°	5121	5199	5156
55°	4861	4938	4868
60°	4506	4568	4491
65°	4021	4061	4015
70°	3382	3382	3360
75°	2650	2650	2621
80°	1940	1919	1908
85°	1267	1267	1291



TEST NUMBER: P738308

CATALOG NUMBER: 22PT-60-PR1-L935

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.7	3.6
10°-20°	542.3	10.3
20°-30°	827.2	15.6
30°-40°	991.4	18.7
40°-50°	1001.2	18.9
50°-60°	856.6	16.2
60°-70°	577.7	10.9
70°-80°	254.9	4.8
80°-90°	48.9	0.9
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°	1557.3	29.4
0°-40°	2548.7	48.2
0°-60°	4406.5	83.3
0°-90°	5288.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5288.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1979	1979	1979	1979	1979	
5°	1974	1972	1973	1972	1973	188
15°	1923	1922	1921	1920	1921	543
25°	1794	1796	1796	1796	1797	826
35°	1580	1589	1588	1587	1588	987
45°	1288	1298	1305	1302	1298	993
55°	952	960	967	965	953	848
65°	580	584	586	584	579	573
75°	234	235	234	235	232	255
85°	38	38	38	38	38	49
90°	0	0	0	0	0	



TEST NUMBER: P738308

CATALOG NUMBER: 22PT-60-PR1-L935

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1979.0	1979.0	1979.0	1979.0	1979.0
2.5°	1980.3	1977.6	1976.9	1976.3	1979.0
5°	1974.3	1971.7	1973.0	1971.7	1973.0
7.5°	1967.0	1964.4	1965.2	1963.7	1965.2
10°	1957.9	1955.1	1955.1	1953.8	1955.1
12.5°	1943.2	1941.3	1940.6	1939.3	1941.3
15°	1922.7	1922.1	1920.8	1920.1	1921.4
17.5°	1897.7	1896.4	1897.7	1895.6	1896.9
20°	1867.9	1868.6	1867.3	1867.9	1868.6
22.5°	1834.1	1834.1	1834.9	1834.9	1836.2
25°	1793.9	1795.7	1795.7	1795.7	1797.2
27.5°	1748.9	1751.6	1753.4	1752.1	1753.4
30°	1698.6	1703.3	1703.8	1703.3	1704.6
32.5°	1644.4	1647.7	1649.6	1648.3	1647.0
35°	1579.5	1588.8	1588.3	1586.8	1587.5
37.5°	1511.5	1520.8	1524.0	1521.4	1522.1
40°	1442.7	1450.7	1452.6	1453.3	1450.7
42.5°	1366.6	1376.0	1383.2	1379.9	1376.0
45°	1288.0	1297.9	1304.6	1302.5	1297.9
47.5°	1206.7	1215.9	1225.2	1221.8	1217.3
50°	1123.4	1132.5	1140.5	1139.2	1131.2
52.5°	1038.0	1048.7	1055.9	1053.3	1042.7
55°	951.5	960.1	966.6	965.3	952.9
57.5°	857.6	868.8	872.1	870.1	861.0
60°	768.9	776.3	779.5	776.9	766.3
62.5°	674.4	680.3	683.0	682.4	675.1
65°	579.9	584.5	585.8	584.5	579.1
67.5°	482.8	489.3	490.0	490.0	484.6
70°	394.8	396.6	394.8	400.0	392.2
72.5°	309.4	310.7	309.4	309.4	306.1
75°	234.1	234.7	234.1	234.7	231.5
77.5°	169.2	170.6	167.9	170.0	166.6
80°	115.0	115.0	113.7	114.4	113.1
82.5°	71.4	72.7	70.8	70.8	70.1
85°	37.7	37.7	37.7	38.4	38.4
87.5°	13.2	13.2	13.8	13.8	13.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)