

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1046916

Luminaire Tested: 22PTR-60-PP3-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046916
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PP3-L935-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

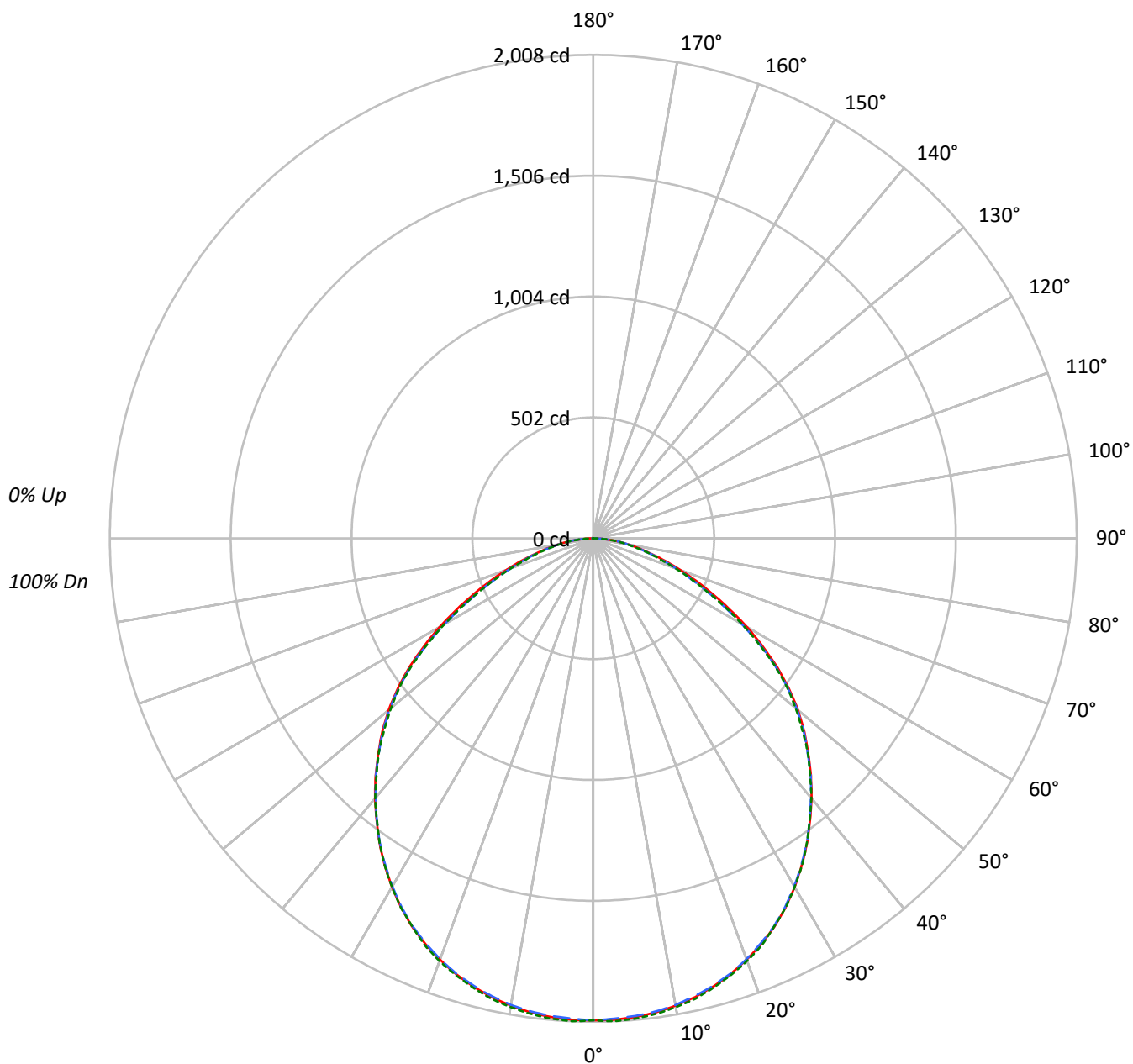
Lumens per Lamp: N/A
Luminaire Lumens: 5173.9 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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	99	96	93	95	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	78	84	79	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	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53		
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46		
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40		
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36		
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32		
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	29		
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	Luminous shape not found, reference photometric report, or contact the photometric lab for calculations.		
5°			
10°			
15°			
20°			
25°			
30°			
35°			
40°			
45°			
50°			
55°			
60°			
65°			
70°			
75°			
80°			
85°			

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: -
Vertical Angle: -
Luminance: -

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.9	3.7
10°-20°	544.1	10.5
20°-30°	819.1	15.8
30°-40°	966.7	18.7
40°-50°	972.3	18.8
50°-60°	820.8	15.9
60°-70°	527.1	10.2
70°-80°	262.2	5.1
80°-90°	71.8	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°	1553.0	30.0
0°-40°	2519.7	48.7
0°-60°	4312.8	83.4
0°-90°	5173.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5173.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2002	2002	2002	2002	2002	
5°	1997	1997	1992	2002	2003	190
15°	1927	1928	1923	1932	1932	544
25°	1780	1781	1777	1781	1779	819
35°	1547	1548	1545	1547	1547	967
45°	1262	1267	1259	1260	1260	974
55°	932	931	921	917	918	829
65°	547	539	520	514	519	546
75°	251	249	241	239	236	271
85°	62	64	64	60	60	73
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2002.5	2002.5	2002.5	2002.5	2002.5
2.5°	2001.7	2002.5	1997.2	2006.7	2008.3
5°	1996.7	1997.2	1992.2	2001.7	2003.0
7.5°	1986.4	1987.2	1982.7	1991.4	1993.0
10°	1971.1	1973.5	1968.2	1976.4	1977.7
12.5°	1952.3	1953.1	1947.8	1957.3	1958.9
15°	1927.0	1927.5	1923.3	1932.0	1932.0
17.5°	1897.7	1898.4	1895.5	1902.9	1902.1
20°	1862.3	1864.4	1860.7	1865.7	1868.6
22.5°	1823.7	1824.5	1820.0	1826.6	1829.5
25°	1780.1	1780.6	1777.2	1780.6	1779.3
27.5°	1729.1	1730.5	1725.4	1729.1	1729.9
30°	1672.4	1676.1	1668.9	1671.8	1672.4
32.5°	1611.4	1613.5	1608.4	1609.2	1612.9
35°	1547.4	1548.2	1545.3	1546.6	1546.6
37.5°	1478.5	1481.4	1476.9	1479.0	1476.1
40°	1410.1	1407.2	1405.6	1407.2	1409.3
42.5°	1338.0	1338.8	1336.7	1335.1	1331.7
45°	1262.5	1266.9	1258.8	1260.3	1260.3
47.5°	1188.5	1189.0	1184.8	1180.3	1177.4
50°	1109.3	1109.3	1104.0	1100.6	1096.1
52.5°	1022.6	1021.3	1015.5	1011.8	1013.9
55°	931.8	931.0	921.0	917.3	918.1
57.5°	832.2	833.8	818.5	814.8	814.8
60°	737.1	729.7	712.3	707.3	713.6
62.5°	637.3	628.6	609.8	609.8	614.9
65°	547.2	539.3	519.8	514.5	519.0
67.5°	463.0	455.6	437.6	434.7	436.1
70°	383.0	376.6	365.5	358.9	361.3
72.5°	314.0	308.2	300.8	295.8	292.9
75°	250.6	249.3	241.4	239.0	236.1
77.5°	198.3	197.8	191.2	188.3	185.4
80°	149.0	148.2	146.8	142.4	140.2
82.5°	106.2	106.2	105.4	101.7	99.6
85°	61.8	63.9	63.9	60.2	60.2
87.5°	24.8	26.1	24.8	24.8	24.0
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)