

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: P1046748

Luminaire Tested: 22PTR-60-PB1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046748
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737703)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PB1-L935-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

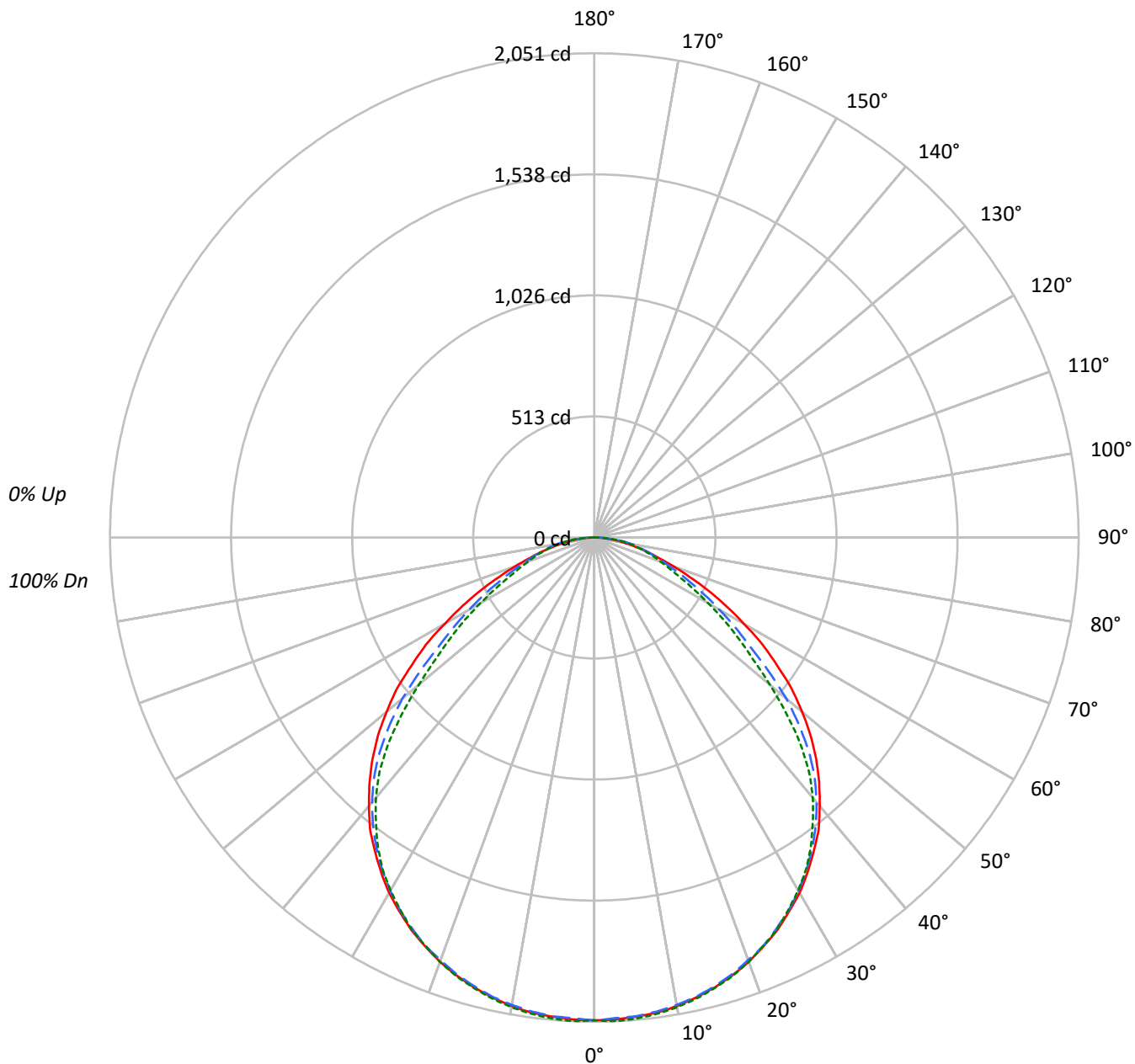
Lumens per Lamp: N/A
Luminaire Lumens: 5101.0 lumens
Efficiency: N/A
Efficacy: 98.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86		
2	100	93	86	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73		
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	64	62		
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54		
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47		
6	72	60	51	45	71	59	51	45	57	50	44	55	49	44	54	48	44	42		
7	67	54	46	40	66	53	45	40	52	45	39	51	44	39	49	43	39	37		
8	63	50	41	36	61	49	41	36	48	41	35	46	40	35	45	39	35	33		
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30		
10	55	42	34	29	54	42	34	29	41	34	29	40	33	29	39	33	29	27		

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°	194.0	3.8
10°-20°	556.6	10.9
20°-30°	843.1	16.5
30°-40°	1004.6	19.7
40°-50°	982.4	19.3
50°-60°	743.1	14.6
60°-70°	456.5	8.9
70°-80°	243.2	4.8
80°-90°	77.6	1.5
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°	1593.6	31.2
0°-40°	2598.2	50.9
0°-60°	4323.7	84.8
0°-90°	5101.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5101.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2046	2046	2046	2046	2046	
5°	2038	2041	2036	2043	2046	194
15°	1973	1975	1968	1975	1975	557
25°	1834	1832	1827	1829	1832	845
35°	1620	1618	1608	1600	1598	1014
45°	1328	1321	1286	1243	1233	1022
55°	944	896	803	757	745	845
65°	531	488	448	413	400	528
75°	226	229	231	224	219	243
85°	50	66	81	76	70	61
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2045.7	2045.7	2045.7	2045.7	2045.7
2.5°	2043.3	2045.7	2038.0	2048.3	2050.7
5°	2038.0	2040.7	2035.6	2043.3	2045.7
7.5°	2030.6	2030.6	2025.6	2033.0	2035.6
10°	2015.6	2015.6	2010.5	2017.9	2020.6
12.5°	1995.5	1995.5	1992.8	1997.9	2000.5
15°	1972.8	1975.1	1967.8	1975.1	1975.1
17.5°	1945.0	1942.7	1940.0	1945.0	1947.7
20°	1912.3	1912.3	1904.9	1909.9	1912.3
22.5°	1874.5	1874.5	1872.1	1874.5	1872.1
25°	1834.3	1831.7	1826.7	1829.3	1831.7
27.5°	1786.5	1786.5	1781.5	1781.5	1778.9
30°	1738.7	1736.1	1728.7	1723.7	1726.0
32.5°	1680.9	1678.2	1670.8	1665.8	1668.2
35°	1620.4	1618.0	1608.0	1600.3	1597.9
37.5°	1560.1	1552.5	1539.8	1529.8	1519.7
40°	1484.6	1476.9	1464.5	1441.8	1439.2
42.5°	1409.0	1401.6	1381.3	1353.8	1346.2
45°	1328.5	1321.1	1285.7	1242.9	1232.8
47.5°	1242.9	1230.5	1175.0	1122.2	1102.1
50°	1147.5	1124.8	1059.3	991.4	968.7
52.5°	1054.3	1014.1	928.5	868.0	845.6
55°	943.6	895.8	802.8	757.4	744.7
57.5°	845.6	780.1	704.5	659.4	649.3
60°	732.3	671.8	611.5	571.1	556.1
62.5°	629.0	576.1	525.9	490.6	473.1
65°	531.0	488.2	448.0	412.6	400.2
67.5°	435.3	412.6	379.9	352.4	344.7
70°	354.8	342.1	319.6	307.0	296.9
72.5°	281.9	286.9	271.8	266.8	259.1
75°	226.4	229.0	231.4	224.0	219.0
77.5°	171.2	183.6	193.6	188.6	183.6
80°	128.4	140.8	158.5	151.1	151.1
82.5°	88.0	103.3	118.3	113.3	110.7
85°	50.5	65.5	80.6	75.6	70.5
87.5°	20.1	32.8	35.1	35.1	32.8
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)