

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: P1046701

Luminaire Tested: 22PTR-60-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046701
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-L930-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

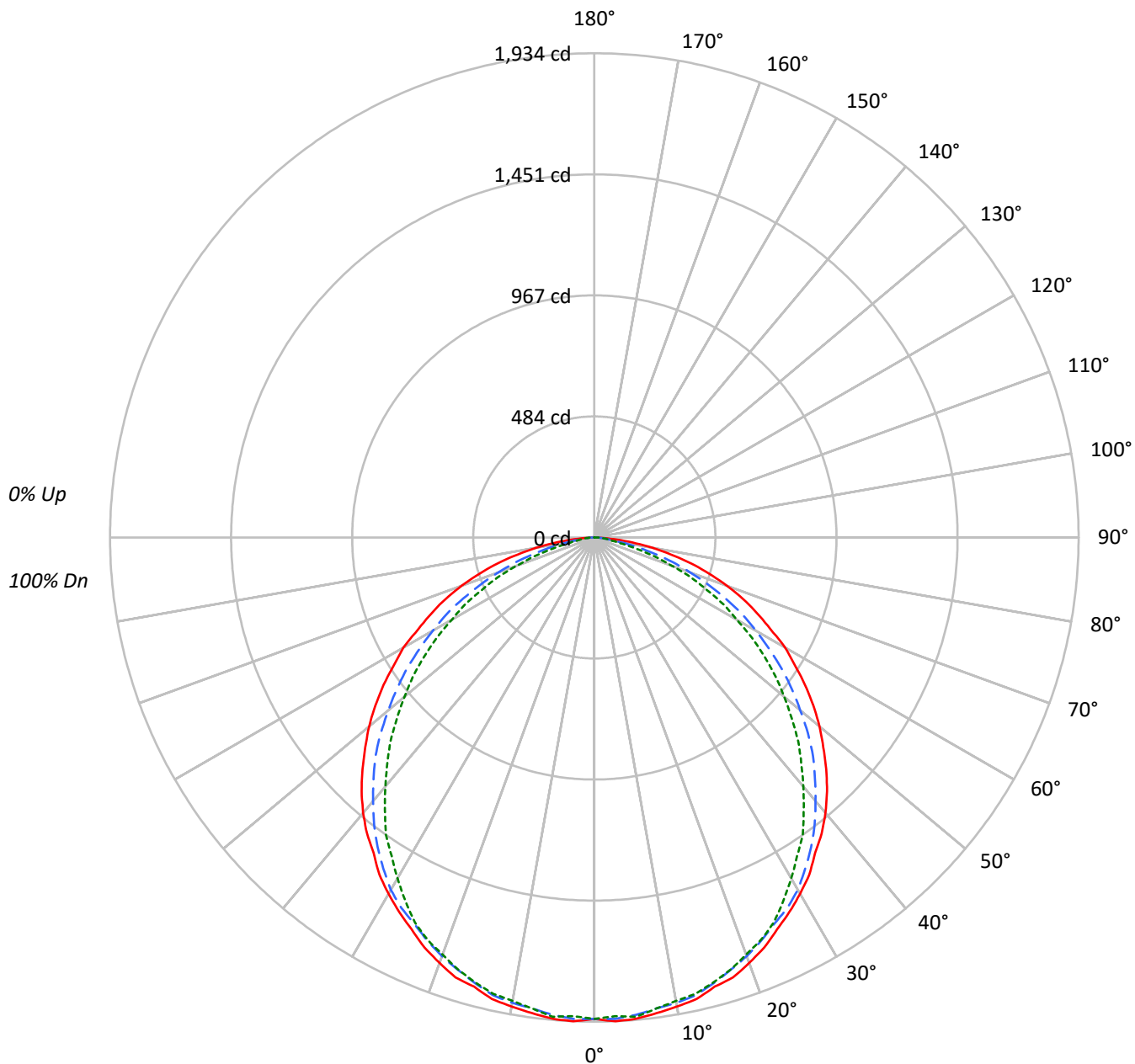
Lumens per Lamp: N/A
Luminaire Lumens: 5122.1 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	109	105	101	97	107	103	99	96		98	95	93			95	92	90			91
2	100	92	85	80	97	90	84	79		87	81	77			83	79	75			80
3	91	81	73	67	89	79	72	66		76	70	65			74	68	64			71
4	84	72	63	57	81	71	63	56		68	61	56			66	60	55			64
5	77	64	56	49	75	63	55	49		61	54	48			59	53	48			57
6	71	58	49	43	69	57	49	43		55	48	42			54	47	42			52
7	66	53	44	38	64	52	44	38		50	43	38			49	42	37			48
8	61	48	40	34	60	47	39	34		46	39	34			45	38	33			44
9	57	44	36	31	56	44	36	30		42	35	30			41	35	30			40
10	54	41	33	28	53	40	33	28		39	32	28			38	32	27			37

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°	182.3	3.6
10°-20°	521.6	10.2
20°-30°	787.9	15.4
30°-40°	936.8	18.3
40°-50°	950.1	18.5
50°-60°	825.0	16.1
60°-70°	585.7	11.4
70°-80°	279.9	5.5
80°-90°	53.0	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°	1491.7	29.1
0°-40°	2428.5	47.4
0°-60°	4203.6	82.1
0°-90°	5122.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5122.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1923	1923	1923	1923	1923	
5°	1930	1923	1914	1918	1922	183
15°	1858	1862	1843	1840	1839	526
25°	1727	1725	1702	1709	1696	798
35°	1537	1535	1510	1458	1451	966
45°	1309	1298	1236	1170	1151	1010
55°	1027	996	913	859	829	918
65°	718	664	577	515	496	711
75°	400	326	243	192	171	419
85°	78	41	36	34	33	98
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1923.0	1923.0	1923.0	1923.0	1923.0
2.5°	1934.4	1927.5	1925.2	1933.3	1913.8
5°	1929.8	1923.0	1913.8	1918.4	1921.8
7.5°	1916.1	1910.4	1897.8	1908.1	1897.8
10°	1902.3	1896.6	1887.5	1890.9	1879.4
12.5°	1888.6	1874.9	1872.6	1874.9	1866.8
15°	1857.7	1862.3	1842.8	1840.5	1839.4
17.5°	1842.8	1831.3	1810.7	1811.9	1809.6
20°	1808.4	1794.7	1779.8	1777.5	1772.9
22.5°	1772.9	1756.9	1743.1	1750.0	1739.7
25°	1727.1	1724.8	1701.9	1708.8	1696.2
27.5°	1687.0	1679.0	1668.7	1653.8	1635.5
30°	1643.5	1635.5	1625.2	1586.2	1572.5
32.5°	1597.7	1588.5	1567.9	1522.1	1507.2
35°	1537.0	1534.7	1509.5	1458.0	1451.1
37.5°	1491.2	1466.0	1445.4	1392.7	1373.2
40°	1436.2	1422.5	1374.4	1324.0	1298.8
42.5°	1375.5	1359.5	1304.5	1250.7	1223.2
45°	1309.1	1297.6	1235.8	1170.5	1151.0
47.5°	1240.4	1230.1	1156.8	1093.8	1068.6
50°	1173.9	1161.3	1073.1	1012.4	989.5
52.5°	1101.8	1081.2	994.1	934.6	912.8
55°	1027.3	996.4	912.8	859.0	829.2
57.5°	948.3	919.7	826.9	770.8	746.7
60°	879.6	839.5	744.4	687.2	656.3
62.5°	791.4	757.0	666.6	599.0	584.1
65°	718.1	664.3	577.2	515.4	495.9
67.5°	643.7	580.7	492.5	429.5	419.2
70°	562.3	497.1	406.6	344.7	327.6
72.5°	479.9	415.7	327.6	262.3	252.0
75°	399.7	326.4	242.8	192.4	170.6
77.5°	312.7	246.2	170.6	118.0	104.2
80°	232.5	166.1	98.5	69.9	68.7
82.5°	152.3	96.2	52.7	53.8	51.5
85°	77.9	41.2	35.5	34.4	33.2
87.5°	14.9	16.0	17.2	17.2	17.2
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)