

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: P1046827

Luminaire Tested: 22PTR-60-PL1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046827
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737719)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PL1-L930-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

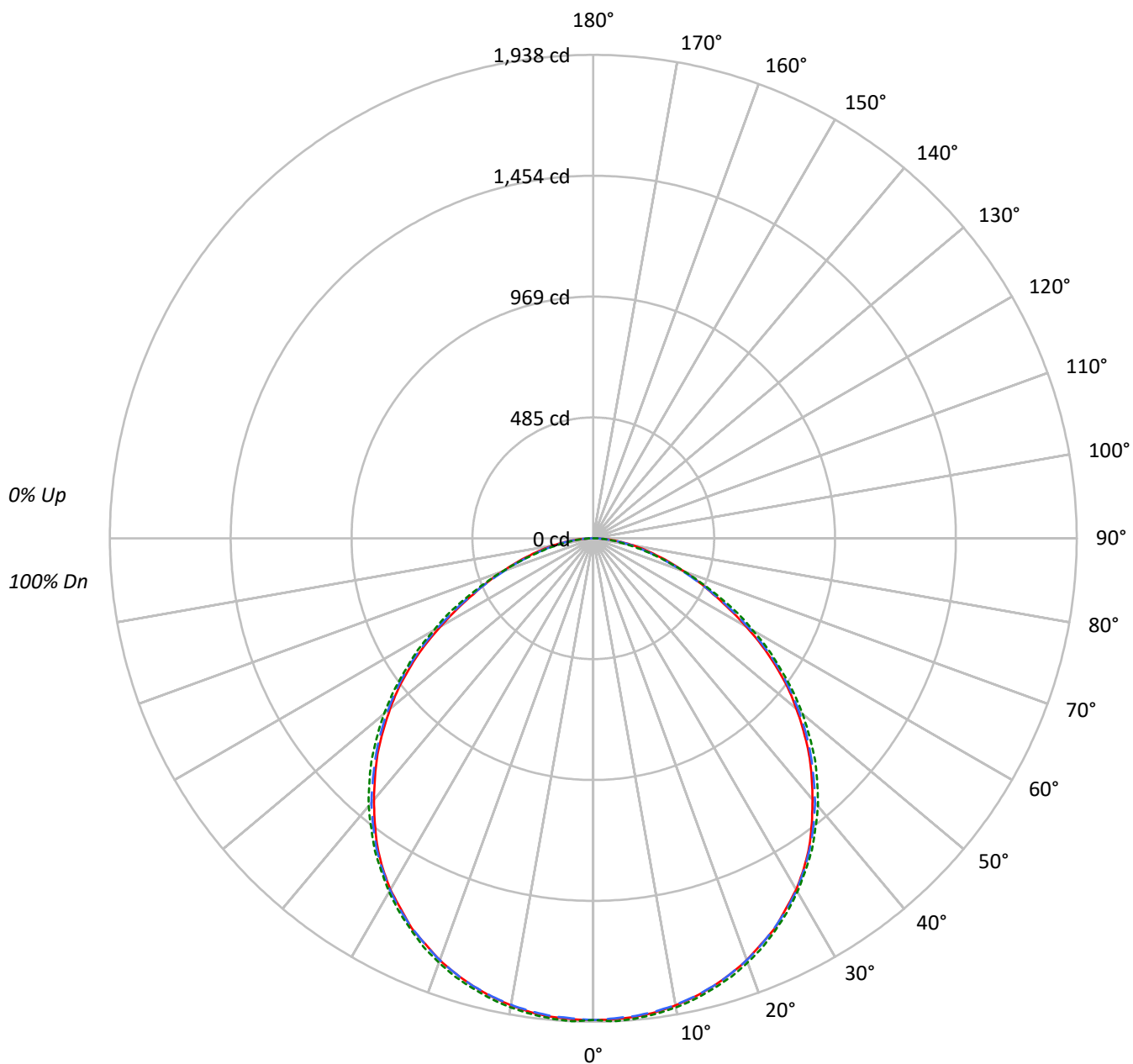
Lumens per Lamp: N/A
Luminaire Lumens: 5091.6 lumens
Efficiency: N/A
Efficacy: 97.9 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (A_{in}): 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	98	95	93	94	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72		
3	91	81	73	67	89	80	72	66	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	55	52		
5	77	65	56	49	75	64	55	49	61	54	49	60	53	48	58	52	48	46		
6	71	58	50	43	69	57	49	43	56	48	43	54	47	42	52	47	42	40		
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35		
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	30	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°	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°	183.2	3.6
10°-20°	525.5	10.3
20°-30°	794.9	15.6
30°-40°	947.5	18.6
40°-50°	952.8	18.7
50°-60°	808.6	15.9
60°-70°	538.4	10.6
70°-80°	268.8	5.3
80°-90°	71.9	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°	1503.6	29.5
0°-40°	2451.1	48.1
0°-60°	4212.4	82.7
0°-90°	5091.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5091.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1932	1932	1932	1932	1932	
5°	1926	1926	1922	1931	1933	183
15°	1859	1861	1858	1866	1868	525
25°	1724	1724	1722	1730	1731	793
35°	1509	1511	1515	1526	1527	941
45°	1223	1225	1233	1250	1257	941
55°	893	900	908	916	918	796
65°	530	535	536	544	558	532
75°	262	258	247	241	242	281
85°	68	67	62	58	53	79
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1930.0	1931.6	1926.4	1935.7	1938.1
5°	1925.8	1926.4	1922.2	1930.8	1932.9
7.5°	1916.5	1917.3	1912.8	1922.2	1923.5
10°	1901.4	1903.0	1899.3	1907.9	1910.0
12.5°	1882.2	1884.2	1880.6	1890.0	1891.5
15°	1859.3	1861.4	1858.5	1866.3	1867.9
17.5°	1831.2	1832.8	1831.2	1838.5	1842.6
20°	1799.7	1799.7	1799.7	1806.2	1809.9
22.5°	1760.5	1764.1	1762.5	1771.1	1774.8
25°	1724.1	1724.1	1721.7	1729.8	1731.1
27.5°	1673.1	1678.8	1678.3	1685.3	1686.9
30°	1626.5	1628.1	1628.9	1633.8	1636.7
32.5°	1570.1	1571.4	1573.8	1580.8	1581.6
35°	1509.3	1510.8	1515.0	1525.6	1527.2
37.5°	1438.5	1446.3	1450.0	1461.4	1462.7
40°	1367.5	1372.5	1383.4	1395.4	1401.1
42.5°	1295.3	1301.0	1307.5	1323.9	1329.1
45°	1223.0	1225.0	1233.1	1249.5	1256.8
47.5°	1142.9	1149.4	1156.4	1170.7	1175.1
50°	1062.8	1069.8	1074.2	1087.0	1095.5
52.5°	981.9	988.4	993.3	1001.2	1009.7
55°	893.2	899.5	907.5	916.1	918.2
57.5°	803.0	810.0	815.2	824.3	833.7
60°	706.3	714.3	721.3	729.9	739.3
62.5°	616.3	619.7	627.0	641.3	654.8
65°	530.2	534.6	535.9	544.0	557.5
67.5°	458.7	458.7	452.2	455.1	470.2
70°	383.6	380.7	375.8	372.9	385.1
72.5°	322.7	319.1	308.4	303.5	310.0
75°	261.9	258.2	246.8	241.1	241.8
77.5°	210.4	204.7	195.3	185.4	183.3
80°	159.7	157.3	148.2	138.9	131.6
82.5°	113.1	108.2	103.0	97.3	91.5
85°	67.9	66.6	61.6	58.0	53.0
87.5°	27.8	27.8	26.5	25.0	23.7
90°	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)