

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: P1046681

Luminaire Tested: 22PTR-60-L830-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046681
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-L830-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 80 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

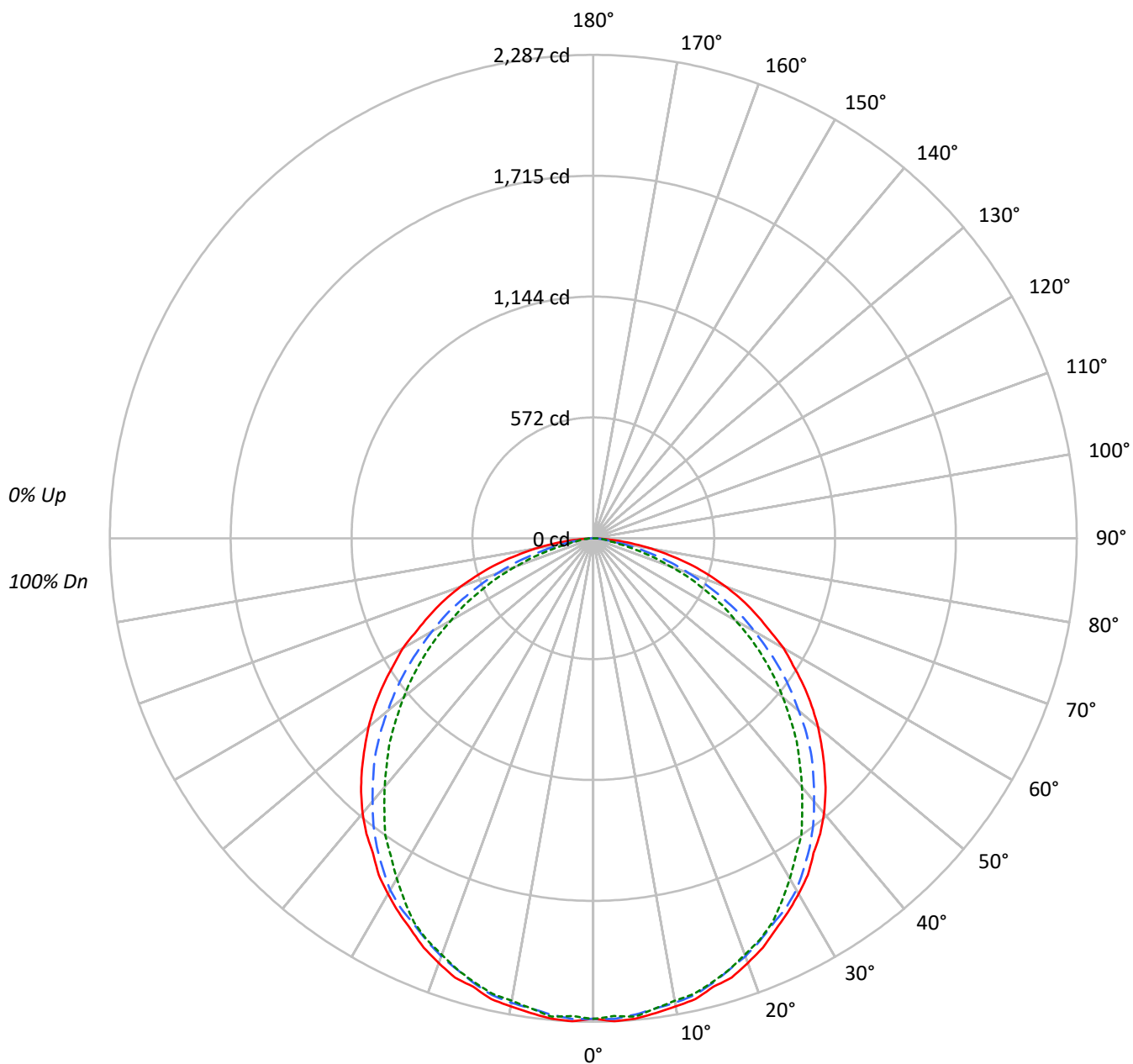
Lumens per Lamp: N/A
Luminaire Lumens: 6055.1 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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°	215.5	3.6
10°-20°	616.6	10.2
20°-30°	931.4	15.4
30°-40°	1107.4	18.3
40°-50°	1123.1	18.5
50°-60°	975.3	16.1
60°-70°	692.3	11.4
70°-80°	330.8	5.5
80°-90°	62.7	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°	1763.5	29.1
0°-40°	2870.9	47.4
0°-60°	4969.3	82.1
0°-90°	6055.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6055.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2273	2273	2273	2273	2273	
5°	2281	2273	2262	2268	2272	217
15°	2196	2202	2178	2176	2174	622
25°	2042	2039	2012	2020	2005	943
35°	1817	1814	1784	1724	1715	1142
45°	1548	1534	1461	1384	1361	1194
55°	1214	1178	1079	1015	980	1085
65°	849	785	682	609	586	841
75°	472	386	287	228	202	495
85°	92	49	42	41	39	116
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2273.2	2273.2	2273.2	2273.2	2273.2
2.5°	2286.8	2278.6	2275.9	2285.4	2262.4
5°	2281.4	2273.2	2262.4	2267.8	2271.9
7.5°	2265.1	2258.3	2243.4	2255.6	2243.4
10°	2248.9	2242.1	2231.3	2235.3	2221.8
12.5°	2232.6	2216.4	2213.7	2216.4	2206.9
15°	2196.1	2201.5	2178.5	2175.7	2174.4
17.5°	2178.5	2164.9	2140.5	2141.9	2139.2
20°	2137.8	2121.6	2104.0	2101.3	2095.9
22.5°	2095.9	2076.9	2060.7	2068.8	2056.6
25°	2041.7	2039.0	2011.9	2020.0	2005.2
27.5°	1994.3	1984.8	1972.7	1955.1	1933.4
30°	1942.9	1933.4	1921.2	1875.2	1858.9
32.5°	1888.7	1877.9	1853.5	1799.4	1781.8
35°	1817.0	1814.3	1784.5	1723.5	1715.4
37.5°	1762.8	1733.0	1708.6	1646.4	1623.3
40°	1697.8	1681.6	1624.7	1565.1	1535.3
42.5°	1626.1	1607.1	1542.1	1478.5	1446.0
45°	1547.5	1534.0	1460.9	1383.7	1360.7
47.5°	1466.3	1454.1	1367.5	1293.0	1263.2
50°	1387.8	1372.9	1268.6	1196.9	1169.8
52.5°	1302.5	1278.1	1175.2	1104.8	1079.1
55°	1214.5	1177.9	1079.1	1015.4	980.2
57.5°	1121.0	1087.2	977.5	911.2	882.8
60°	1039.8	992.4	880.0	812.4	775.8
62.5°	935.6	894.9	788.0	708.1	690.5
65°	848.9	785.3	682.4	609.3	586.2
67.5°	760.9	686.4	582.2	507.7	495.5
70°	664.8	587.6	480.6	407.5	387.2
72.5°	567.3	491.5	387.2	310.0	297.9
75°	472.5	385.9	287.0	227.5	201.7
77.5°	369.6	291.1	201.7	139.5	123.2
80°	274.8	196.3	116.4	82.6	81.2
82.5°	180.1	113.7	62.3	63.6	60.9
85°	92.1	48.7	42.0	40.6	39.3
87.5°	17.6	19.0	20.3	20.3	20.3
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)