

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: P1046896

Luminaire Tested: 22PTR-60-PP3-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046896
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-L835-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

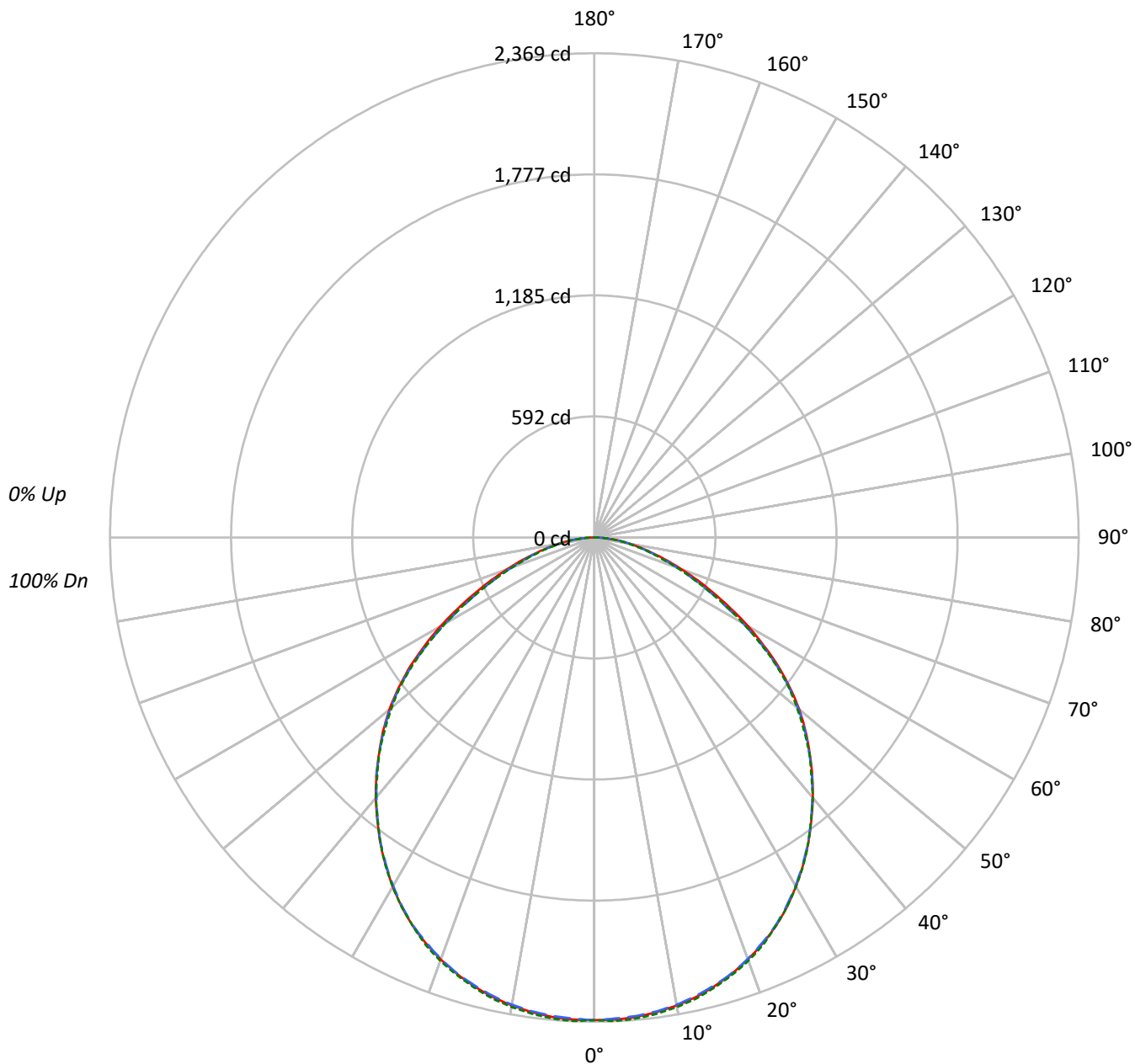
Lumens per Lamp: N/A
Luminaire Lumens: 6102.3 lumens
Efficiency: N/A
Efficacy: 117.4 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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°	224.0	3.7
10°-20°	641.7	10.5
20°-30°	966.0	15.8
30°-40°	1140.2	18.7
40°-50°	1146.7	18.8
50°-60°	968.1	15.9
60°-70°	621.7	10.2
70°-80°	309.2	5.1
80°-90°	84.7	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°	1831.7	30.0
0°-40°	2971.8	48.7
0°-60°	5086.6	83.4
0°-90°	6102.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6102.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2362	2362	2362	2362	2362	
5°	2355	2356	2350	2361	2362	224
15°	2273	2273	2268	2279	2279	641
25°	2100	2100	2096	2100	2099	966
35°	1825	1826	1823	1824	1824	1141
45°	1489	1494	1485	1486	1486	1149
55°	1099	1098	1086	1082	1083	978
65°	645	636	613	607	612	643
75°	296	294	285	282	278	320
85°	73	75	75	71	71	86
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2361.8	2361.8	2361.8	2361.8	2361.8
2.5°	2360.8	2361.8	2355.6	2366.8	2368.6
5°	2354.9	2355.6	2349.6	2360.8	2362.4
7.5°	2342.8	2343.7	2338.4	2348.7	2350.6
10°	2324.7	2327.5	2321.3	2330.9	2332.5
12.5°	2302.6	2303.5	2297.3	2308.5	2310.4
15°	2272.7	2273.3	2268.3	2278.6	2278.6
17.5°	2238.1	2239.1	2235.6	2244.3	2243.4
20°	2196.4	2198.9	2194.5	2200.4	2203.9
22.5°	2150.9	2151.8	2146.5	2154.3	2157.8
25°	2099.5	2100.1	2096.1	2100.1	2098.6
27.5°	2039.4	2040.9	2035.0	2039.4	2040.3
30°	1972.4	1976.8	1968.4	1971.8	1972.4
32.5°	1900.5	1902.9	1897.0	1898.0	1902.3
35°	1825.1	1826.0	1822.6	1824.1	1824.1
37.5°	1743.8	1747.2	1741.9	1744.4	1741.0
40°	1663.1	1659.7	1657.8	1659.7	1662.2
42.5°	1578.1	1579.0	1576.5	1574.6	1570.6
45°	1489.0	1494.3	1484.6	1486.5	1486.5
47.5°	1401.7	1402.4	1397.4	1392.1	1388.7
50°	1308.3	1308.3	1302.1	1298.0	1292.7
52.5°	1206.1	1204.6	1197.7	1193.4	1195.8
55°	1099.0	1098.0	1086.2	1081.8	1082.8
57.5°	981.5	983.4	965.3	961.0	961.0
60°	869.4	860.7	840.1	834.2	841.7
62.5°	751.6	741.4	719.3	719.3	725.2
65°	645.4	636.1	613.0	606.8	612.1
67.5°	546.1	537.3	516.2	512.7	514.3
70°	451.7	444.2	431.1	423.3	426.1
72.5°	370.4	363.5	354.8	348.9	345.5
75°	295.6	294.1	284.7	281.9	278.5
77.5°	233.9	233.3	225.5	222.1	218.7
80°	175.7	174.8	173.2	167.9	165.4
82.5°	125.2	125.2	124.3	119.9	117.4
85°	72.9	75.4	75.4	71.0	71.0
87.5°	29.3	30.8	29.3	29.3	28.3
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)