

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: P1046733

Luminaire Tested: 22PTR-60-PB1-L840-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046733
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-L840-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 80 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

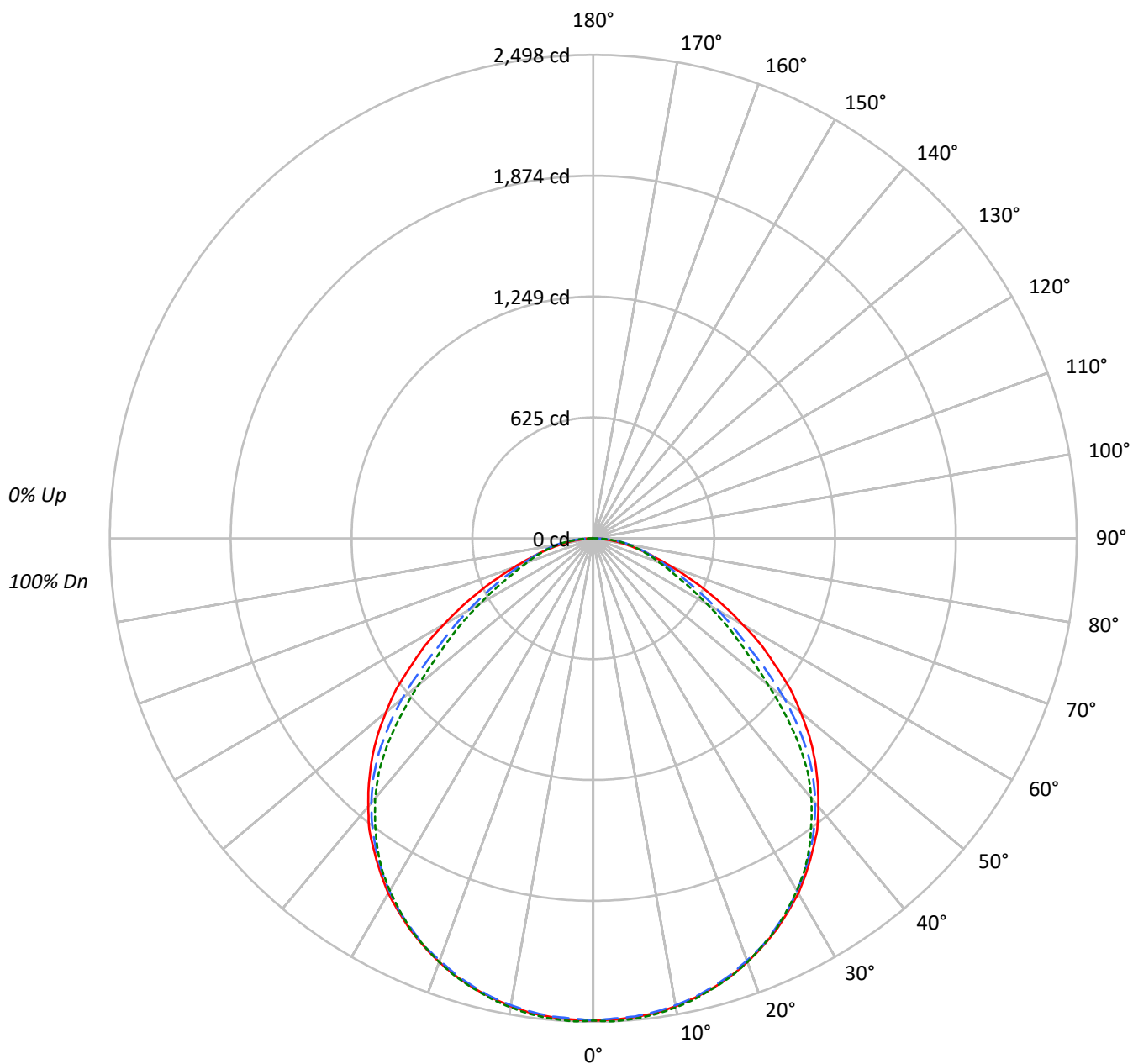
Lumens per Lamp: N/A
Luminaire Lumens: 6215.0 lumens
Efficiency: N/A
Efficacy: 119.5 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2' x W: 0' x H: 2'
CIE Type: Direct

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°	236.3	3.8
10°-20°	678.1	10.9
20°-30°	1027.2	16.5
30°-40°	1224.0	19.7
40°-50°	1196.9	19.3
50°-60°	905.3	14.6
60°-70°	556.2	8.9
70°-80°	296.3	4.8
80°-90°	94.6	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°	1941.7	31.2
0°-40°	3165.6	50.9
0°-60°	5267.9	84.8
0°-90°	6215.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6215.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2492	2492	2492	2492	2492	
5°	2483	2486	2480	2490	2492	236
15°	2404	2406	2398	2406	2406	678
25°	2235	2232	2226	2229	2232	1029
35°	1974	1971	1959	1950	1947	1235
45°	1619	1610	1566	1514	1502	1245
55°	1150	1091	978	923	907	1030
65°	647	595	546	503	488	644
75°	276	279	282	273	267	296
85°	62	80	98	92	86	74
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2492.4	2492.4	2492.4	2492.4	2492.4
2.5°	2489.5	2492.4	2483.1	2495.6	2498.5
5°	2483.1	2486.3	2480.2	2489.5	2492.4
7.5°	2474.1	2474.1	2468.0	2477.0	2480.2
10°	2455.7	2455.7	2449.6	2458.6	2461.9
12.5°	2431.3	2431.3	2428.1	2434.2	2437.4
15°	2403.6	2406.5	2397.5	2406.5	2406.5
17.5°	2369.8	2366.9	2363.7	2369.8	2373.0
20°	2329.9	2329.9	2320.9	2327.0	2329.9
22.5°	2283.9	2283.9	2281.0	2283.9	2281.0
25°	2234.9	2231.7	2225.6	2228.8	2231.7
27.5°	2176.7	2176.7	2170.6	2170.6	2167.4
30°	2118.4	2115.2	2106.2	2100.1	2103.0
32.5°	2048.0	2044.7	2035.7	2029.6	2032.5
35°	1974.2	1971.4	1959.1	1949.8	1946.9
37.5°	1900.9	1891.5	1876.1	1863.9	1851.6
40°	1808.8	1799.5	1784.4	1756.7	1753.5
42.5°	1716.8	1707.8	1683.0	1649.5	1640.2
45°	1618.6	1609.6	1566.5	1514.3	1502.1
47.5°	1514.3	1499.2	1431.6	1367.2	1342.8
50°	1398.1	1370.5	1290.6	1207.9	1180.2
52.5°	1284.5	1235.6	1131.3	1057.6	1030.3
55°	1149.7	1091.4	978.1	922.8	907.3
57.5°	1030.3	950.4	858.4	803.3	791.1
60°	892.2	818.5	745.1	695.8	677.5
62.5°	766.3	702.0	640.8	597.7	576.4
65°	646.9	594.8	545.9	502.7	487.6
67.5°	530.4	502.7	462.8	429.4	420.0
70°	432.2	416.8	389.4	374.0	361.8
72.5°	343.4	349.5	331.2	325.1	315.7
75°	275.8	279.0	281.9	272.9	266.8
77.5°	208.6	223.7	235.9	229.8	223.7
80°	156.4	171.5	193.1	184.1	184.1
82.5°	107.2	125.8	144.2	138.1	134.9
85°	61.5	79.8	98.2	92.1	85.9
87.5°	24.5	39.9	42.8	42.8	39.9
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)