

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: P1046728

Luminaire Tested: 22PTR-60-PB1-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046728
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-L835-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

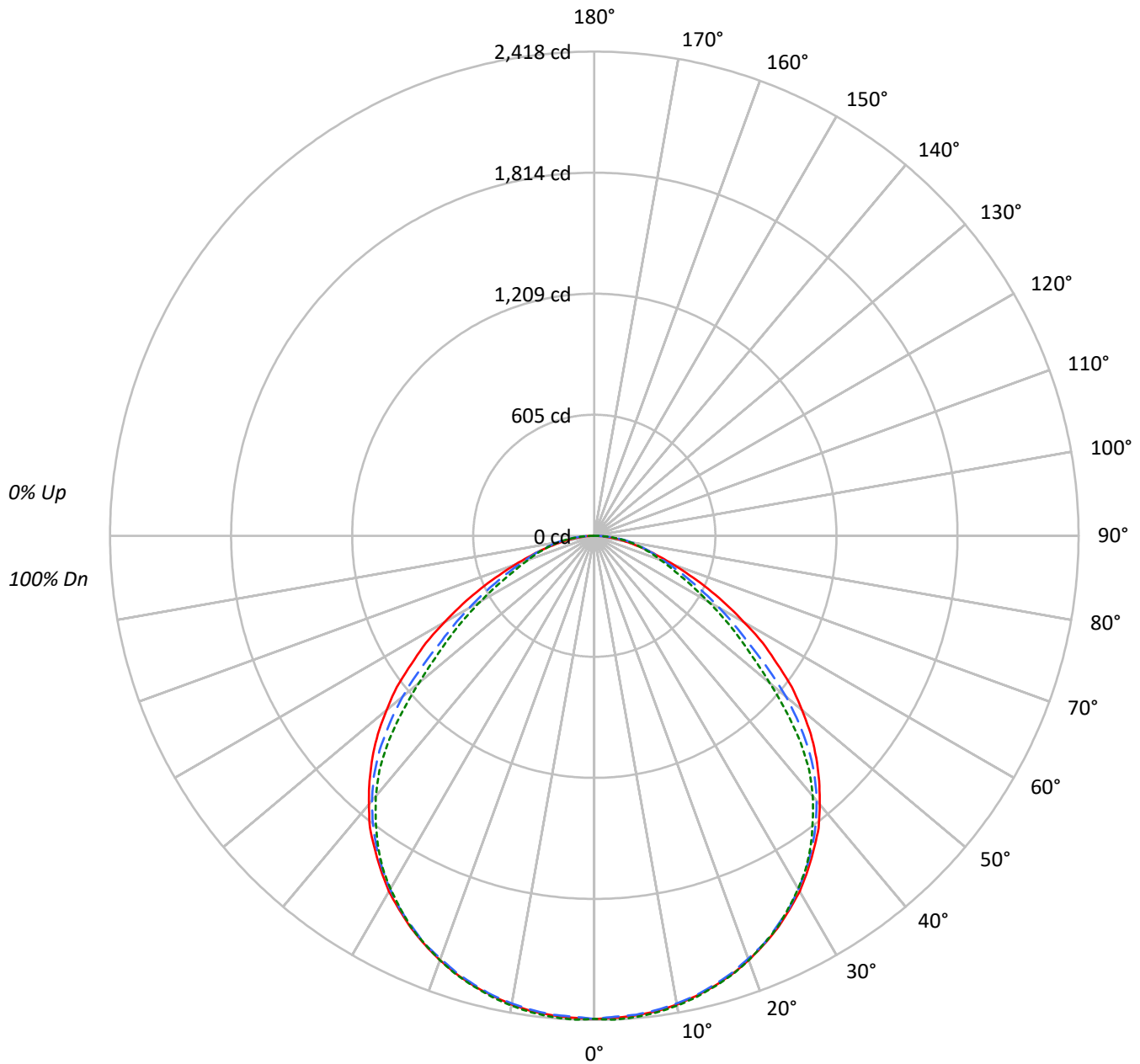
Lumens per Lamp: N/A
Luminaire Lumens: 6016.0 lumens
Efficiency: N/A
Efficacy: 115.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2' x W: 0' x H: 2'
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (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	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°	228.8	3.8
10°-20°	656.4	10.9
20°-30°	994.3	16.5
30°-40°	1184.8	19.7
40°-50°	1158.6	19.3
50°-60°	876.3	14.6
60°-70°	538.4	8.9
70°-80°	286.8	4.8
80°-90°	91.5	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°	1879.5	31.2
0°-40°	3064.3	50.9
0°-60°	5099.2	84.8
0°-90°	6016.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6016.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2413	2413	2413	2413	2413	
5°	2404	2407	2401	2410	2413	229
15°	2327	2329	2321	2329	2329	657
25°	2163	2160	2154	2158	2160	996
35°	1911	1908	1896	1887	1885	1195
45°	1567	1558	1516	1466	1454	1205
55°	1113	1056	947	893	878	997
65°	626	576	528	487	472	623
75°	267	270	273	264	258	286
85°	60	77	95	89	83	71
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2412.6	2412.6	2412.6	2412.6	2412.6
2.5°	2409.8	2412.6	2403.6	2415.7	2418.5
5°	2403.6	2406.7	2400.8	2409.8	2412.6
7.5°	2394.9	2394.9	2388.9	2397.7	2400.8
10°	2377.1	2377.1	2371.2	2379.9	2383.0
12.5°	2353.4	2353.4	2350.3	2356.2	2359.4
15°	2326.6	2329.4	2320.7	2329.4	2329.4
17.5°	2293.9	2291.1	2288.0	2293.9	2297.0
20°	2255.3	2255.3	2246.6	2252.5	2255.3
22.5°	2210.7	2210.7	2207.9	2210.7	2207.9
25°	2163.4	2160.3	2154.4	2157.5	2160.3
27.5°	2107.0	2107.0	2101.1	2101.1	2098.0
30°	2050.6	2047.5	2038.8	2032.8	2035.7
32.5°	1982.4	1979.3	1970.5	1964.6	1967.4
35°	1911.0	1908.2	1896.4	1887.4	1884.6
37.5°	1840.0	1831.0	1816.0	1804.2	1792.3
40°	1750.9	1741.9	1727.2	1700.4	1697.3
42.5°	1661.8	1653.1	1629.1	1596.7	1587.6
45°	1566.8	1558.1	1516.3	1465.8	1454.0
47.5°	1465.8	1451.2	1385.8	1323.5	1299.8
50°	1353.4	1326.6	1249.3	1169.2	1142.4
52.5°	1243.4	1196.0	1095.1	1023.7	997.3
55°	1112.8	1056.5	946.8	893.2	878.3
57.5°	997.3	920.0	830.9	777.6	765.8
60°	863.6	792.3	721.2	673.6	655.8
62.5°	741.8	679.5	620.3	578.5	558.0
65°	626.2	575.7	528.4	486.6	472.0
67.5°	513.4	486.6	448.0	415.6	406.6
70°	418.4	403.5	377.0	362.0	350.2
72.5°	332.4	338.3	320.6	314.7	305.6
75°	267.0	270.1	272.9	264.2	258.3
77.5°	201.9	216.5	228.4	222.4	216.5
80°	151.4	166.1	186.9	178.2	178.2
82.5°	103.7	121.8	139.6	133.7	130.5
85°	59.5	77.3	95.0	89.1	83.2
87.5°	23.7	38.6	41.4	41.4	38.6
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)