

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: P1046812

Luminaire Tested: 22PTR-60-PL1-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046812
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-L835-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

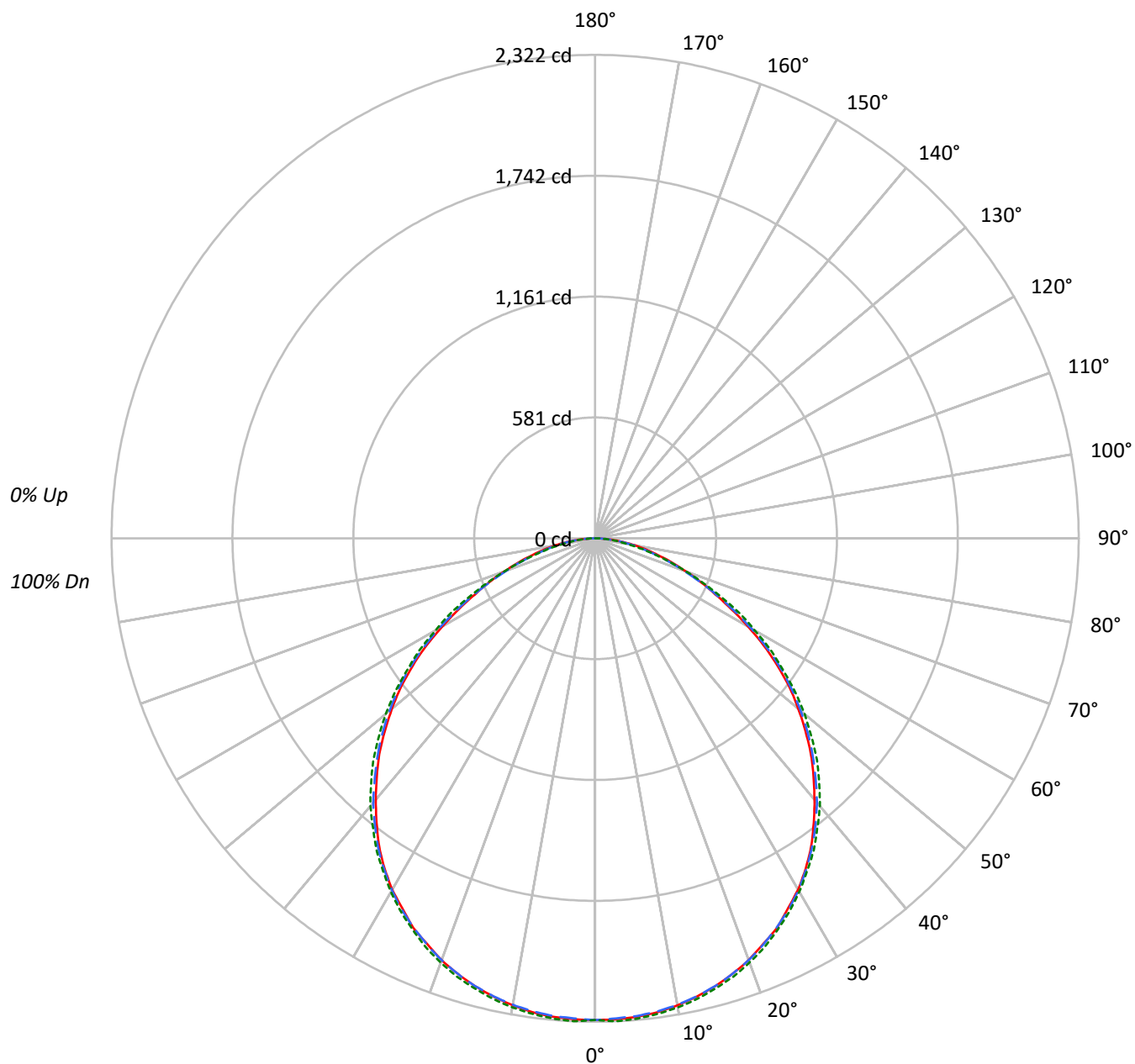
Lumens per Lamp: N/A
Luminaire Lumens: 6100.3 lumens
Efficiency: N/A
Efficacy: 117.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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°	219.5	3.6
10°-20°	629.6	10.3
20°-30°	952.4	15.6
30°-40°	1135.2	18.6
40°-50°	1141.5	18.7
50°-60°	968.8	15.9
60°-70°	645.1	10.6
70°-80°	322.1	5.3
80°-90°	86.2	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°	1801.5	29.5
0°-40°	2936.7	48.1
0°-60°	5047.0	82.7
0°-90°	6100.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6100.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2314	2314	2314	2314	2314	
5°	2307	2308	2303	2313	2316	219
15°	2228	2230	2227	2236	2238	629
25°	2066	2066	2063	2072	2074	950
35°	1808	1810	1815	1828	1830	1128
45°	1465	1468	1477	1497	1506	1127
55°	1070	1078	1087	1098	1100	954
65°	635	641	642	652	668	637
75°	314	309	296	289	290	337
85°	81	80	74	70	64	94
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2314.3	2314.3	2314.3	2314.3	2314.3
2.5°	2312.4	2314.3	2308.0	2319.3	2322.1
5°	2307.4	2308.0	2303.1	2313.3	2315.8
7.5°	2296.2	2297.1	2291.8	2303.1	2304.6
10°	2278.1	2280.0	2275.6	2285.9	2288.4
12.5°	2255.1	2257.6	2253.2	2264.4	2266.3
15°	2227.7	2230.2	2226.7	2236.1	2237.9
17.5°	2194.0	2195.9	2194.0	2202.7	2207.7
20°	2156.3	2156.3	2156.3	2164.1	2168.5
22.5°	2109.3	2113.6	2111.8	2122.0	2126.4
25°	2065.7	2065.7	2062.8	2072.5	2074.1
27.5°	2004.6	2011.4	2010.8	2019.2	2021.1
30°	1948.8	1950.7	1951.6	1957.5	1961.0
32.5°	1881.2	1882.8	1885.6	1894.0	1894.9
35°	1808.3	1810.2	1815.2	1827.9	1829.8
37.5°	1723.6	1732.9	1737.3	1751.0	1752.5
40°	1638.5	1644.4	1657.5	1671.8	1678.7
42.5°	1551.9	1558.7	1566.5	1586.2	1592.4
45°	1465.3	1467.8	1477.4	1497.1	1505.8
47.5°	1369.3	1377.1	1385.5	1402.6	1407.9
50°	1273.4	1281.8	1287.1	1302.3	1312.6
52.5°	1176.5	1184.2	1190.2	1199.5	1209.8
55°	1070.2	1077.7	1087.3	1097.6	1100.1
57.5°	962.1	970.5	976.7	987.6	998.9
60°	846.2	855.9	864.3	874.6	885.8
62.5°	738.4	742.5	751.2	768.3	784.5
65°	635.3	640.6	642.1	651.8	668.0
67.5°	549.6	549.6	541.8	545.2	563.3
70°	459.6	456.1	450.2	446.8	461.4
72.5°	386.6	382.3	369.5	363.6	371.4
75°	313.7	309.4	295.7	288.8	289.8
77.5°	252.1	245.2	234.0	222.1	219.7
80°	191.3	188.5	177.6	166.4	157.7
82.5°	135.5	129.6	123.4	116.5	109.7
85°	81.3	79.8	73.8	69.5	63.6
87.5°	33.3	33.3	31.8	29.9	28.4
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°

(END OF REPORT)