

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: P1046980

Luminaire Tested: 22PTR-60-PW1-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046980
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737743)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PW1-L835-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND WAVES LENS

Light Source:
Ballast/Driver: -

Summary

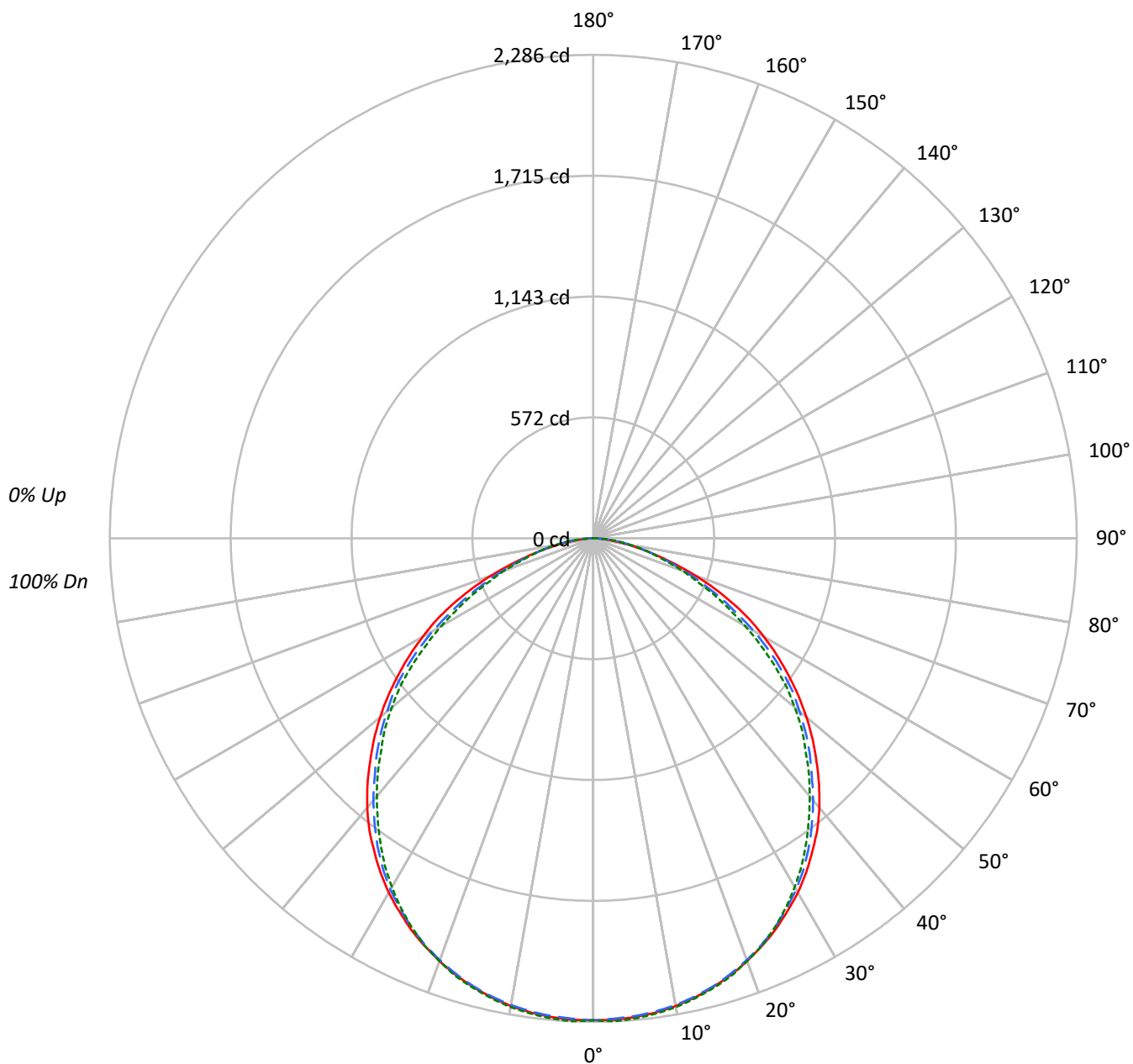
Lumens per Lamp: N/A
Luminaire Lumens: 6048.9 lumens
Efficiency: N/A
Efficacy: 116.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (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	95	98	95	92	94	92	90	91	89	87	85		
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71		
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61		
4	84	72	63	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52		
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45		
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40		
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35		
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31		
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28		
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	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°	216.2	3.6
10°-20°	620.0	10.3
20°-30°	937.0	15.5
30°-40°	1112.6	18.4
40°-50°	1121.0	18.5
50°-60°	968.9	16.0
60°-70°	662.2	10.9
70°-80°	326.5	5.4
80°-90°	84.4	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°	1773.2	29.3
0°-40°	2885.8	47.7
0°-60°	4975.7	82.3
0°-90°	6048.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6048.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2279	2279	2279	2279	2279	
5°	2273	2274	2268	2277	2279	216
15°	2196	2198	2192	2200	2201	620
25°	2041	2039	2032	2034	2030	940
35°	1806	1800	1778	1762	1756	1130
45°	1492	1476	1448	1431	1419	1152
55°	1125	1122	1087	1055	1044	1006
65°	727	701	660	632	628	718
75°	308	306	301	301	293	336
85°	58	68	75	77	75	71
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2279.3	2279.3	2279.3	2279.3	2279.3
2.5°	2278.7	2279.3	2273.5	2283.6	2286.1
5°	2272.6	2273.5	2267.7	2276.9	2279.3
7.5°	2261.8	2263.4	2256.6	2265.8	2267.7
10°	2245.6	2246.5	2240.7	2249.9	2251.7
12.5°	2223.8	2224.4	2219.5	2227.8	2227.8
15°	2195.9	2198.3	2192.5	2200.2	2200.8
17.5°	2164.6	2165.5	2159.6	2167.9	2169.8
20°	2127.4	2127.4	2122.5	2129.3	2127.4
22.5°	2086.0	2086.0	2080.2	2083.5	2085.1
25°	2040.6	2038.7	2032.0	2033.8	2030.4
27.5°	1988.1	1988.1	1976.1	1976.1	1970.3
30°	1935.0	1930.7	1918.1	1910.4	1904.6
32.5°	1873.9	1868.1	1852.1	1838.6	1834.3
35°	1805.8	1799.7	1778.5	1762.5	1755.8
37.5°	1739.8	1726.3	1698.4	1682.4	1674.7
40°	1662.8	1645.9	1617.4	1595.3	1591.9
42.5°	1580.2	1566.7	1529.6	1513.3	1509.3
45°	1492.4	1476.2	1448.3	1431.4	1418.8
47.5°	1406.2	1394.2	1362.3	1342.1	1337.8
50°	1315.7	1305.5	1272.7	1250.9	1243.2
52.5°	1222.1	1215.3	1187.4	1159.5	1150.3
55°	1125.1	1121.7	1087.0	1054.8	1043.8
57.5°	1029.6	1025.3	982.1	944.9	934.8
60°	929.9	917.3	875.0	840.3	829.2
62.5°	835.4	808.4	762.6	735.6	723.1
65°	727.0	701.0	660.4	631.6	627.6
67.5°	620.9	589.6	558.2	540.4	526.9
70°	510.1	488.9	465.3	450.2	447.8
72.5°	406.9	391.9	379.9	370.7	363.1
75°	308.1	305.7	301.4	301.4	293.1
77.5°	226.5	232.3	235.7	234.8	236.6
80°	157.1	168.8	175.5	176.5	175.5
82.5°	99.7	113.2	124.3	125.8	127.7
85°	58.3	68.4	75.2	76.7	75.2
87.5°	26.1	32.8	34.7	36.2	34.7
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)