

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: P1046975

Luminaire Tested: 22PTR-60-PW1-L830-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046975
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-L830-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 80 CRI LEDS AND WAVES LENS

Light Source:
Ballast/Driver: -

Summary

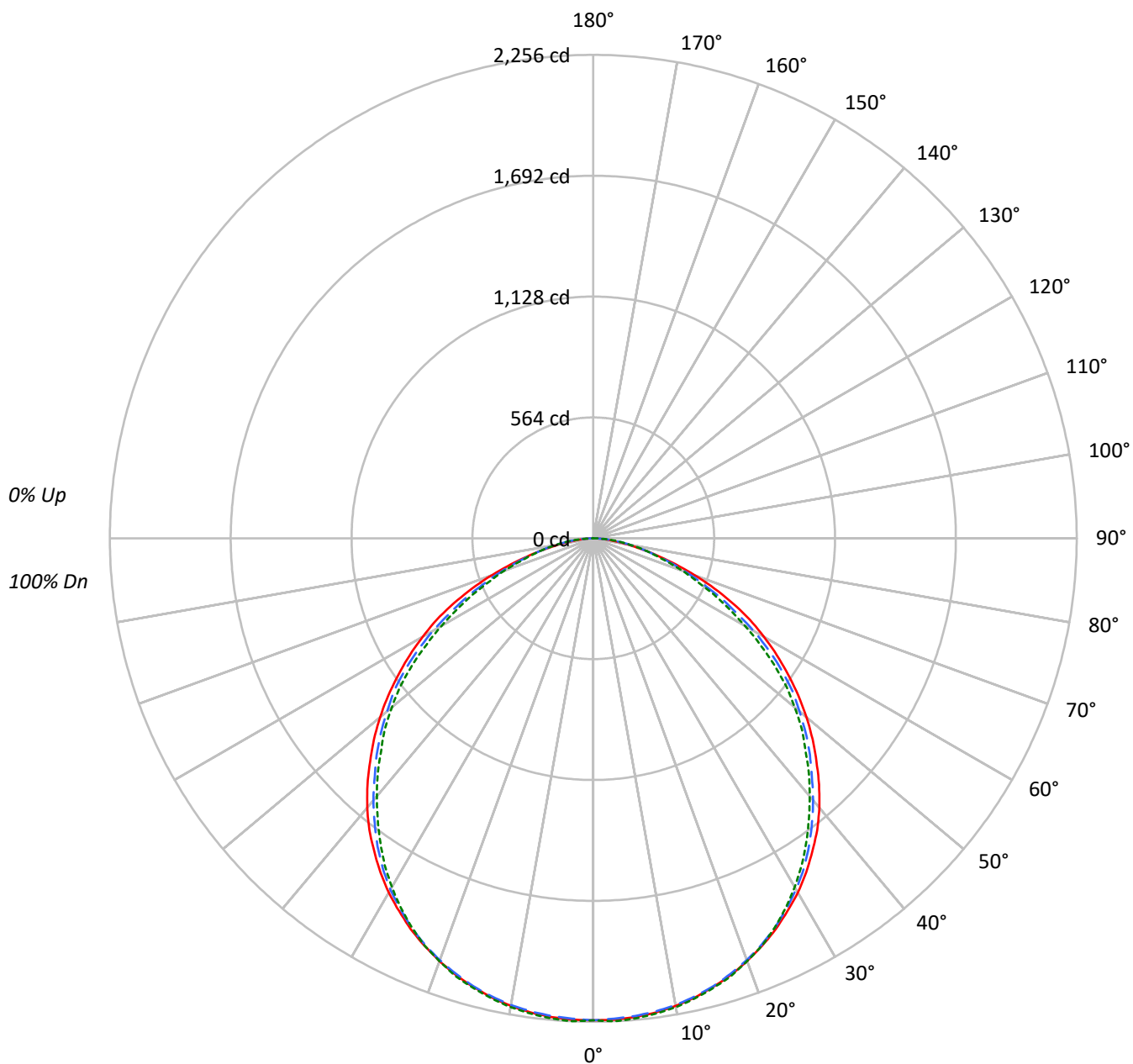
Lumens per Lamp: N/A
Luminaire Lumens: 5969.4 lumens
Efficiency: N/A
Efficacy: 114.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (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	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°	213.3	3.6
10°-20°	611.9	10.2
20°-30°	924.7	15.5
30°-40°	1098.0	18.4
40°-50°	1106.2	18.5
50°-60°	956.2	16.0
60°-70°	653.5	10.9
70°-80°	322.3	5.4
80°-90°	83.3	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°	1749.9	29.3
0°-40°	2847.9	47.7
0°-60°	4910.3	82.3
0°-90°	5969.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5969.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2249	2249	2249	2249	2249	
5°	2243	2244	2238	2247	2249	213
15°	2167	2169	2164	2171	2172	612
25°	2014	2012	2005	2007	2004	928
35°	1782	1776	1755	1739	1733	1115
45°	1473	1457	1429	1413	1400	1137
55°	1110	1107	1073	1041	1030	993
65°	718	692	652	623	619	708
75°	304	302	297	297	289	331
85°	58	68	74	76	74	70
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2249.4	2249.4	2249.4	2249.4	2249.4
2.5°	2248.8	2249.4	2243.6	2253.6	2256.0
5°	2242.7	2243.6	2237.9	2246.9	2249.4
7.5°	2232.1	2233.6	2227.0	2236.0	2237.9
10°	2216.0	2217.0	2211.2	2220.3	2222.1
12.5°	2194.5	2195.2	2190.3	2198.5	2198.5
15°	2167.0	2169.4	2163.7	2171.2	2171.8
17.5°	2136.1	2137.0	2131.2	2139.4	2141.2
20°	2099.4	2099.4	2094.6	2101.3	2099.4
22.5°	2058.6	2058.6	2052.8	2056.1	2057.7
25°	2013.7	2011.9	2005.3	2007.1	2003.7
27.5°	1961.9	1961.9	1950.1	1950.1	1944.4
30°	1909.6	1905.3	1892.9	1885.3	1879.6
32.5°	1849.3	1843.5	1827.8	1814.5	1810.2
35°	1782.0	1776.0	1755.1	1739.3	1732.7
37.5°	1716.9	1703.6	1676.0	1660.3	1652.7
40°	1640.9	1624.3	1596.1	1574.3	1570.9
42.5°	1559.4	1546.1	1509.5	1493.4	1489.5
45°	1472.8	1456.8	1429.2	1412.6	1400.1
47.5°	1387.7	1375.9	1344.4	1324.4	1320.2
50°	1298.4	1288.4	1256.0	1234.5	1226.9
52.5°	1206.0	1199.3	1171.8	1144.2	1135.1
55°	1110.3	1107.0	1072.7	1040.9	1030.0
57.5°	1016.1	1011.9	969.2	932.5	922.5
60°	917.7	905.3	863.5	829.2	818.3
62.5°	824.4	797.7	752.6	726.0	713.5
65°	717.5	691.7	651.8	623.3	619.4
67.5°	612.7	581.8	550.9	533.3	520.0
70°	503.4	482.5	459.1	444.3	441.9
72.5°	401.6	386.8	374.9	365.9	358.3
75°	304.1	301.7	297.4	297.4	289.2
77.5°	223.5	229.3	232.6	231.7	233.5
80°	155.1	166.6	173.2	174.1	173.2
82.5°	98.4	111.8	122.7	124.2	126.0
85°	57.5	67.5	74.2	75.7	74.2
87.5°	25.7	32.4	34.2	35.7	34.2
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)