

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: P1046958

Luminaire Tested: 22PTR-60-PR1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046958
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PR1-L935-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

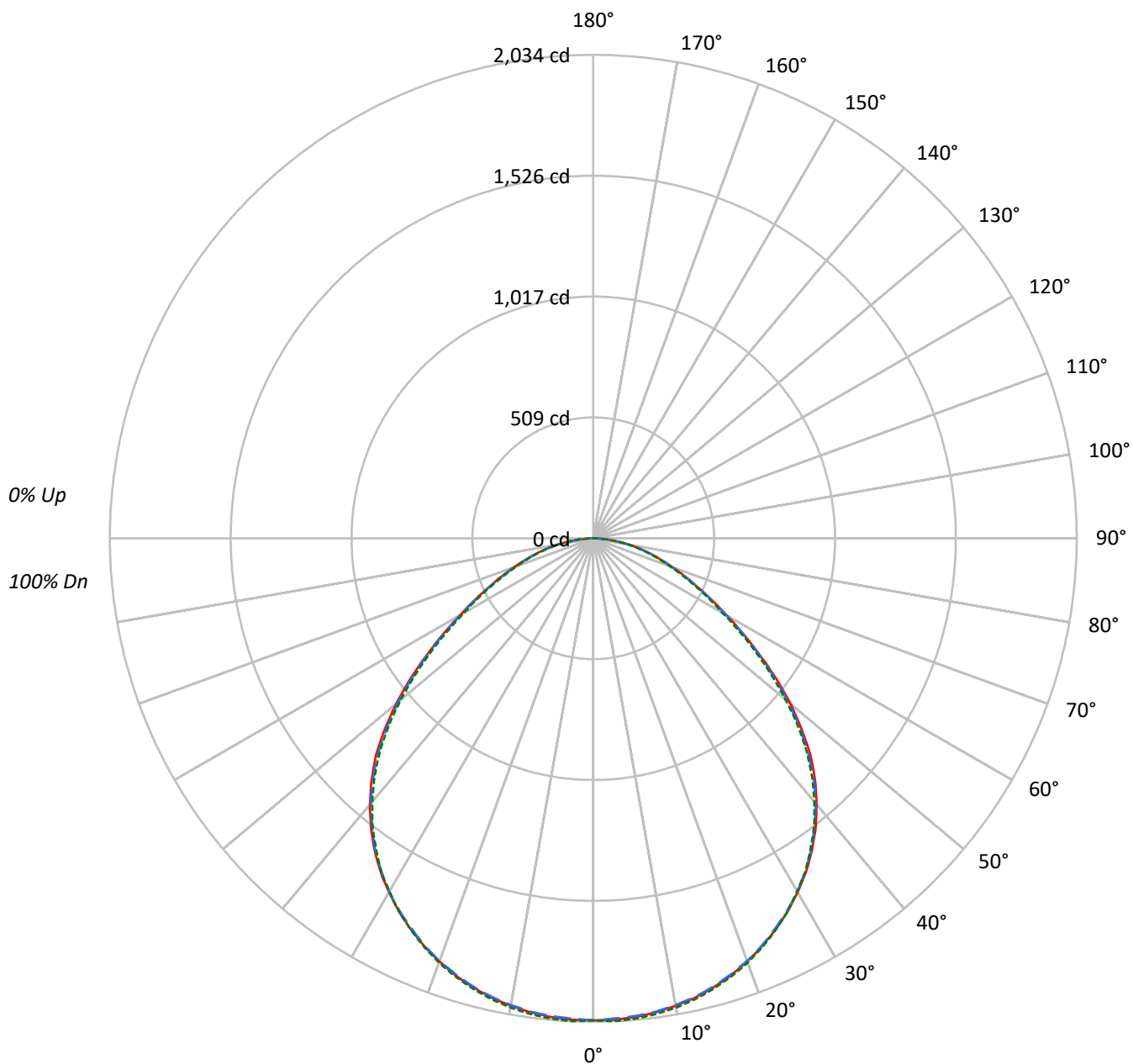
Lumens per Lamp: N/A
Luminaire Lumens: 5129.4 lumens
Efficiency: N/A
Efficacy: 98.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	92	90	91	89	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	71	66	75	70	65	72	68	64	62		
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54		
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47		
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41		
7	67	54	45	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37		
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33		
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30		
10	55	42	34	29	54	41	34	29	40	34	29	39	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°	192.4	3.8
10°-20°	552.2	10.8
20°-30°	836.6	16.3
30°-40°	998.7	19.5
40°-50°	982.1	19.1
50°-60°	759.1	14.8
60°-70°	478.6	9.3
70°-80°	258.9	5.0
80°-90°	70.7	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°	1581.2	30.8
0°-40°	2579.9	50.3
0°-60°	4321.1	84.2
0°-90°	5129.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5129.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2028	2028	2028	2028	2028	
5°	2022	2023	2018	2027	2029	192
15°	1956	1956	1953	1959	1962	552
25°	1815	1817	1811	1817	1818	837
35°	1604	1604	1600	1598	1594	1001
45°	1293	1288	1279	1269	1269	990
55°	854	861	850	837	834	767
65°	482	483	479	471	470	485
75°	248	245	242	244	238	263
85°	60	61	60	60	57	72
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2028.2	2028.2	2028.2	2028.2	2028.2
2.5°	2027.4	2028.2	2022.4	2031.9	2034.0
5°	2022.4	2023.2	2017.9	2026.6	2029.0
7.5°	2012.1	2013.7	2008.7	2017.4	2019.5
10°	1997.6	1999.2	1994.2	2002.9	2005.0
12.5°	1979.6	1980.2	1975.9	1983.9	1986.0
15°	1955.6	1956.1	1952.7	1959.0	1961.9
17.5°	1927.9	1928.7	1923.6	1931.6	1932.9
20°	1894.6	1895.1	1892.2	1898.8	1899.6
22.5°	1857.3	1858.9	1854.4	1860.2	1861.0
25°	1815.3	1816.7	1810.8	1816.7	1817.5
27.5°	1771.0	1771.5	1766.5	1771.0	1770.2
30°	1719.2	1723.7	1717.1	1715.5	1715.0
32.5°	1665.6	1666.1	1659.8	1658.2	1661.1
35°	1603.8	1604.3	1600.1	1598.0	1593.5
37.5°	1536.2	1536.2	1528.0	1526.7	1525.9
40°	1461.9	1461.1	1456.1	1451.1	1445.8
42.5°	1381.1	1382.7	1372.4	1363.7	1362.4
45°	1293.2	1288.1	1278.6	1268.6	1269.4
47.5°	1189.4	1190.7	1177.7	1169.6	1167.4
50°	1081.6	1081.6	1069.4	1060.7	1056.2
52.5°	969.1	969.9	958.3	946.6	944.3
55°	854.2	861.3	850.5	836.8	833.8
57.5°	746.7	752.5	742.2	727.7	726.9
60°	647.1	647.6	644.7	631.0	627.3
62.5°	562.1	558.4	556.8	549.6	545.2
65°	482.0	482.8	479.1	470.9	469.6
67.5°	417.3	416.5	409.9	404.9	402.0
70°	353.9	351.8	348.9	344.7	341.8
72.5°	297.4	297.4	295.0	293.7	288.7
75°	248.0	245.1	242.2	243.5	237.7
77.5°	200.7	197.8	195.5	192.5	191.2
80°	151.9	149.0	149.8	145.3	144.7
82.5°	105.4	105.4	104.1	100.4	101.2
85°	60.2	61.0	59.7	60.2	57.3
87.5°	21.9	22.5	24.0	22.5	22.5
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)