

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: P1046953

Luminaire Tested: 22PTR-60-PR1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046953
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-L930-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

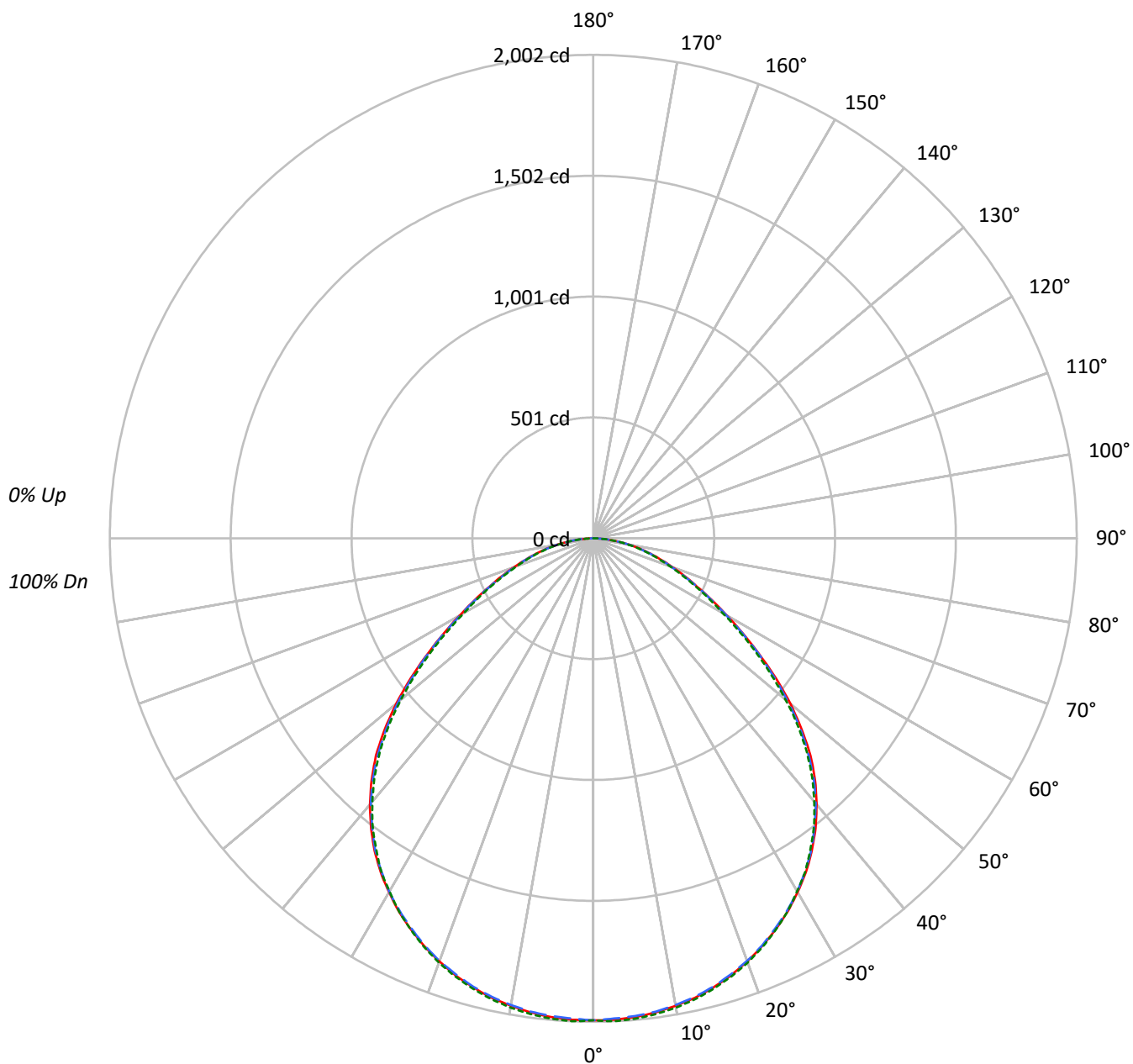
Lumens per Lamp: N/A
Luminaire Lumens: 5048.9 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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°	189.4	3.8
10°-20°	543.5	10.8
20°-30°	823.4	16.3
30°-40°	983.0	19.5
40°-50°	966.7	19.1
50°-60°	747.2	14.8
60°-70°	471.1	9.3
70°-80°	254.8	5.0
80°-90°	69.6	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°	1556.3	30.8
0°-40°	2539.4	50.3
0°-60°	4253.3	84.2
0°-90°	5048.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5048.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1996	1996	1996	1996	1996	
5°	1991	1992	1986	1995	1997	189
15°	1925	1925	1922	1928	1931	543
25°	1787	1788	1782	1788	1789	824
35°	1579	1579	1575	1573	1568	986
45°	1273	1268	1259	1249	1250	975
55°	841	848	837	824	821	755
65°	474	475	472	464	462	477
75°	244	241	238	240	234	259
85°	59	60	59	59	56	71
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1996.4	1996.4	1996.4	1996.4	1996.4
2.5°	1995.6	1996.4	1990.7	2000.0	2002.1
5°	1990.7	1991.5	1986.3	1994.8	1997.2
7.5°	1980.5	1982.1	1977.2	1985.7	1987.8
10°	1966.2	1967.8	1962.9	1971.4	1973.5
12.5°	1948.6	1949.1	1944.9	1952.7	1954.8
15°	1924.9	1925.4	1922.0	1928.3	1931.1
17.5°	1897.6	1898.4	1893.4	1901.2	1902.5
20°	1864.8	1865.4	1862.5	1869.0	1869.8
22.5°	1828.2	1829.7	1825.3	1831.0	1831.8
25°	1786.8	1788.1	1782.4	1788.1	1788.9
27.5°	1743.2	1743.7	1738.8	1743.2	1742.4
30°	1692.2	1696.6	1690.1	1688.6	1688.1
32.5°	1639.4	1640.0	1633.7	1632.2	1635.0
35°	1578.6	1579.1	1575.0	1572.9	1568.5
37.5°	1512.0	1512.0	1504.0	1502.7	1501.9
40°	1439.0	1438.2	1433.3	1428.3	1423.1
42.5°	1359.4	1361.0	1350.9	1342.3	1341.0
45°	1272.9	1267.9	1258.6	1248.7	1249.5
47.5°	1170.7	1172.0	1159.3	1151.2	1149.1
50°	1064.6	1064.6	1052.7	1044.1	1039.7
52.5°	953.9	954.6	943.2	931.8	929.4
55°	840.8	847.8	837.1	823.6	820.8
57.5°	735.0	740.7	730.5	716.2	715.5
60°	637.0	637.5	634.6	621.1	617.5
62.5°	553.2	549.6	548.0	541.0	536.6
65°	474.5	475.2	471.6	463.5	462.2
67.5°	410.8	410.0	403.5	398.6	395.7
70°	348.4	346.3	343.4	339.3	336.4
72.5°	292.7	292.7	290.4	289.1	284.2
75°	244.1	241.3	238.4	239.7	234.0
77.5°	197.6	194.7	192.4	189.5	188.2
80°	149.5	146.6	147.4	143.0	142.5
82.5°	103.7	103.7	102.4	98.8	99.6
85°	59.3	60.1	58.8	59.3	56.4
87.5°	21.6	22.1	23.7	22.1	22.1
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)