

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: P1046785

Luminaire Tested: 22PTR-60-PC3-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046785
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PC3-L930-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

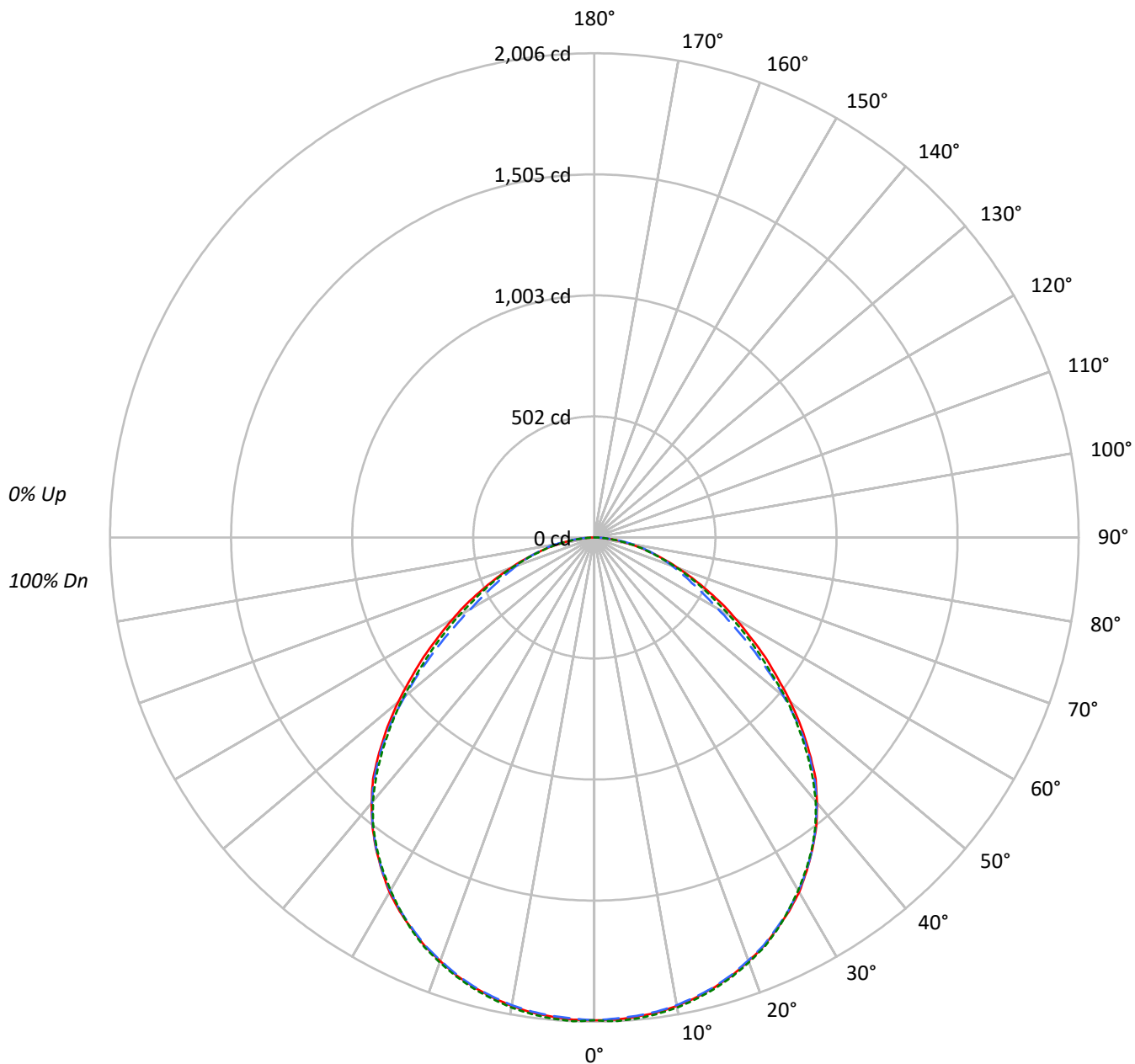
Lumens per Lamp: N/A
Luminaire Lumens: 5044.0 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	110	105	101	98	107	103	99	96		99	96	93			95	92	90			91
2	100	93	86	81	98	91	85	80		87	82	78			84	80	76			81
3	92	82	74	68	90	80	73	68		77	71	66			75	70	65			72
4	85	73	65	58	82	72	64	58		69	63	57			67	61	56			65
5	78	66	57	51	76	65	56	50		62	55	50			61	54	49			59
6	72	59	51	45	70	58	50	44		57	49	44			55	49	44			53
7	67	54	46	40	65	53	45	39		52	44	39			50	44	39			49
8	62	49	41	35	61	49	41	35		47	40	35			46	40	35			45
9	58	45	37	32	57	45	37	32		44	37	32			43	36	32			42
10	55	42	34	29	54	41	34	29		40	34	29			40	33	29			39

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°	189.8	3.8
10°-20°	544.7	10.8
20°-30°	824.7	16.3
30°-40°	983.2	19.5
40°-50°	960.7	19.0
50°-60°	734.6	14.6
60°-70°	471.6	9.4
70°-80°	262.4	5.2
80°-90°	72.5	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°	1559.1	30.9
0°-40°	2542.3	50.4
0°-60°	4237.5	84.0
0°-90°	5044.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5044.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2001	2001	2001	2001	2001	
5°	1994	1995	1990	1999	2002	190
15°	1928	1930	1926	1933	1935	544
25°	1789	1791	1786	1792	1793	825
35°	1576	1577	1574	1574	1571	984
45°	1259	1262	1250	1247	1237	969
55°	863	833	793	803	829	771
65°	512	473	446	461	492	511
75°	246	248	250	247	241	263
85°	54	63	64	62	54	66
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2000.7	2000.7	2000.7	2000.7	2000.7
2.5°	1999.4	2000.2	1995.0	2003.6	2006.4
5°	1993.7	1995.0	1990.0	1999.4	2001.5
7.5°	1985.1	1986.4	1981.5	1990.8	1991.6
10°	1970.8	1971.6	1967.2	1976.5	1977.8
12.5°	1951.6	1953.6	1948.7	1957.3	1957.8
15°	1928.4	1930.0	1926.3	1932.8	1934.9
17.5°	1901.4	1902.2	1898.5	1905.5	1906.3
20°	1867.6	1867.6	1864.7	1872.8	1872.8
22.5°	1833.3	1831.2	1830.4	1833.3	1837.7
25°	1789.1	1791.1	1786.2	1791.9	1793.2
27.5°	1746.2	1746.2	1741.7	1744.6	1741.0
30°	1696.8	1693.9	1691.0	1691.6	1688.2
32.5°	1637.2	1637.2	1635.9	1635.9	1631.5
35°	1575.9	1577.2	1574.3	1573.5	1571.4
37.5°	1509.8	1512.2	1507.0	1505.7	1504.1
40°	1434.7	1434.7	1432.6	1429.7	1426.1
42.5°	1356.7	1356.7	1347.6	1340.3	1335.4
45°	1259.4	1262.3	1250.1	1247.2	1237.3
47.5°	1162.7	1160.6	1144.3	1142.2	1136.5
50°	1059.8	1047.5	1024.1	1030.4	1035.6
52.5°	956.8	941.7	907.4	914.4	923.0
55°	862.9	833.0	793.0	802.9	828.6
57.5°	764.9	724.9	684.8	703.6	735.5
60°	678.3	633.4	589.7	609.7	646.9
62.5°	595.4	547.6	512.5	531.7	563.2
65°	512.5	472.9	445.9	460.7	491.7
67.5°	436.5	410.0	391.6	398.6	423.5
70°	367.9	351.3	341.4	343.5	357.8
72.5°	302.6	298.5	294.8	294.8	296.1
75°	246.2	248.3	250.4	247.0	241.3
77.5°	194.0	201.0	206.2	198.9	191.9
80°	142.5	153.9	160.4	152.4	141.7
82.5°	97.2	110.2	112.3	107.4	95.2
85°	53.6	62.9	63.7	61.6	53.6
87.5°	20.0	23.7	25.7	23.7	20.8
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)