

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: P1046911

Luminaire Tested: 22PTR-60-PP3-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046911
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PP3-L930-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

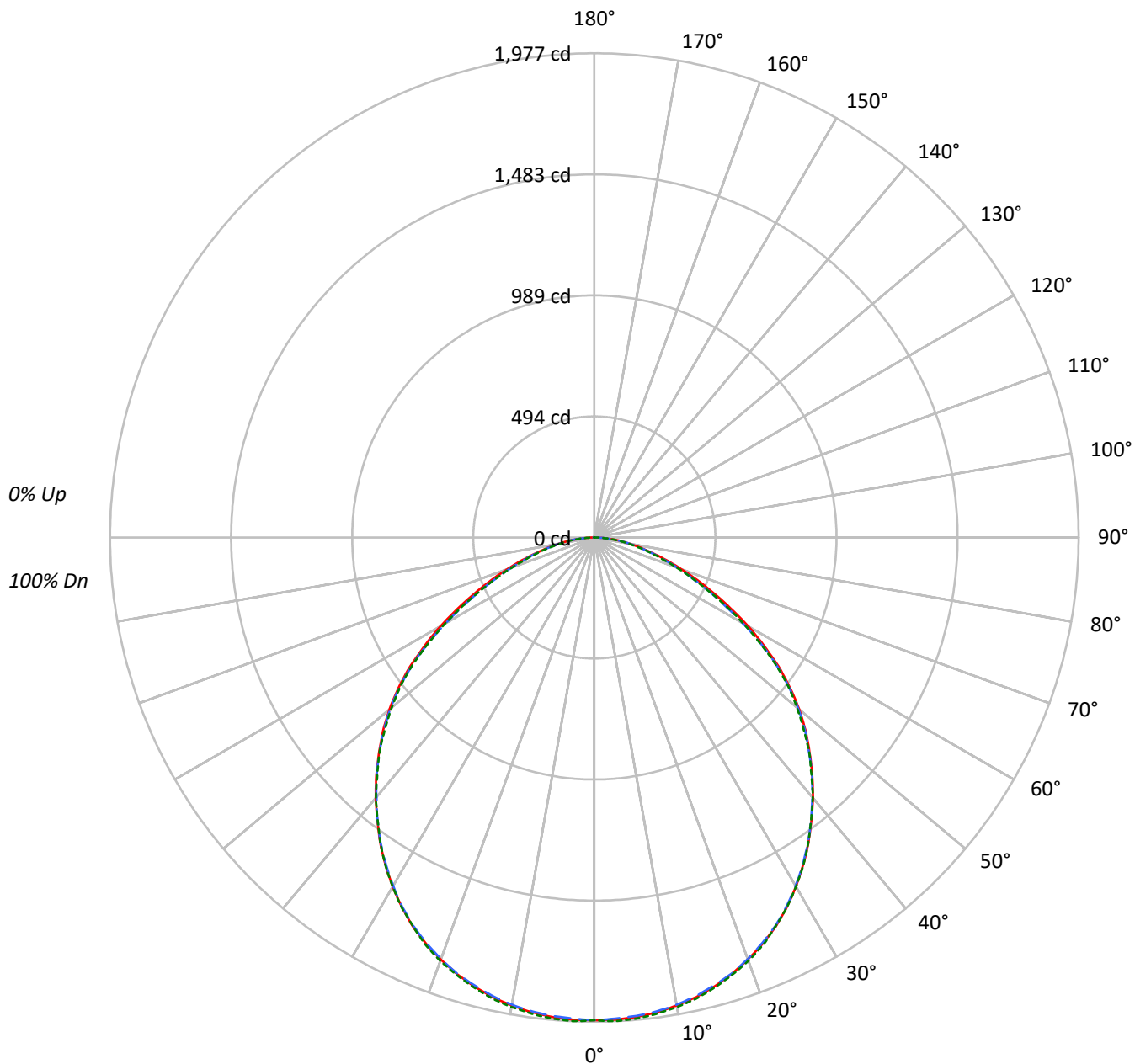
Lumens per Lamp: N/A
Luminaire Lumens: 5093.4 lumens
Efficiency: N/A
Efficacy: 98.0 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	109	105	101	97		107	103	99	96		99	96	93		95	92	90		91	89	87
2	100	92	86	80		97	90	84	79		87	82	78		84	79	76		81	77	74
3	92	81	74	67		89	80	73	67		77	71	66		74	69	65		72	67	63
4	84	73	64	58		82	71	63	57		69	62	56		66	60	56		64	59	55
5	77	65	56	50		75	64	56	50		62	55	49		60	54	49		58	52	48
6	72	59	50	44		70	58	50	44		56	49	43		54	48	43		53	47	42
7	66	53	45	39		65	52	44	39		51	44	38		50	43	38		48	42	38
8	62	49	40	35		60	48	40	35		47	39	34		45	39	34		44	38	34
9	58	45	37	31		57	44	36	31		43	36	31		42	35	31		41	35	31
10	54	41	34	28		53	41	33	28		40	33	28		39	33	28		38	32	28

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°	186.9	3.7
10°-20°	535.6	10.5
20°-30°	806.3	15.8
30°-40°	951.7	18.7
40°-50°	957.1	18.8
50°-60°	808.0	15.9
60°-70°	518.9	10.2
70°-80°	258.1	5.1
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°	1528.9	30.0
0°-40°	2480.5	48.7
0°-60°	4245.7	83.4
0°-90°	5093.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5093.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1971	1971	1971	1971	1971	
5°	1966	1966	1961	1971	1972	187
15°	1897	1898	1893	1902	1902	535
25°	1752	1753	1750	1753	1752	806
35°	1523	1524	1521	1523	1523	952
45°	1243	1247	1239	1241	1241	959
55°	917	916	907	903	904	816
65°	539	531	512	506	511	537
75°	247	245	238	235	232	267
85°	61	63	63	59	59	72
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1971.3	1971.3	1971.3	1971.3	1971.3
2.5°	1970.6	1971.3	1966.1	1975.5	1977.1
5°	1965.6	1966.1	1961.2	1970.6	1971.9
7.5°	1955.5	1956.3	1951.8	1960.4	1962.0
10°	1940.4	1942.7	1937.5	1945.6	1946.9
12.5°	1921.9	1922.7	1917.5	1926.9	1928.4
15°	1897.0	1897.5	1893.3	1901.9	1901.9
17.5°	1868.1	1868.9	1866.0	1873.3	1872.5
20°	1833.3	1835.4	1831.7	1836.7	1839.5
22.5°	1795.3	1796.1	1791.7	1798.2	1801.0
25°	1752.4	1752.9	1749.6	1752.9	1751.6
27.5°	1702.2	1703.5	1698.6	1702.2	1703.0
30°	1646.3	1650.0	1643.0	1645.8	1646.3
32.5°	1586.3	1588.4	1583.4	1584.2	1587.8
35°	1523.4	1524.1	1521.3	1522.6	1522.6
37.5°	1455.5	1458.4	1453.9	1456.0	1453.2
40°	1388.2	1385.3	1383.7	1385.3	1387.4
42.5°	1317.2	1318.0	1315.9	1314.3	1310.9
45°	1242.8	1247.2	1239.2	1240.7	1240.7
47.5°	1170.0	1170.5	1166.4	1162.0	1159.1
50°	1092.0	1092.0	1086.8	1083.4	1079.0
52.5°	1006.7	1005.4	999.7	996.1	998.2
55°	917.3	916.5	906.6	903.0	903.8
57.5°	819.3	820.8	805.7	802.1	802.1
60°	725.7	718.4	701.2	696.3	702.5
62.5°	627.4	618.8	600.3	600.3	605.3
65°	538.7	530.9	511.7	506.5	510.9
67.5°	455.8	448.5	430.8	428.0	429.3
70°	377.0	370.8	359.8	353.3	355.7
72.5°	309.1	303.4	296.1	291.2	288.3
75°	246.7	245.4	237.6	235.3	232.4
77.5°	195.3	194.7	188.2	185.4	182.5
80°	146.6	145.9	144.6	140.1	138.1
82.5°	104.5	104.5	103.7	100.1	98.0
85°	60.8	62.9	62.9	59.3	59.3
87.5°	24.4	25.7	24.4	24.4	23.7
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)