

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: P1046921

Luminaire Tested: 22PTR-60-PP3-L940-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046921
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-L940-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

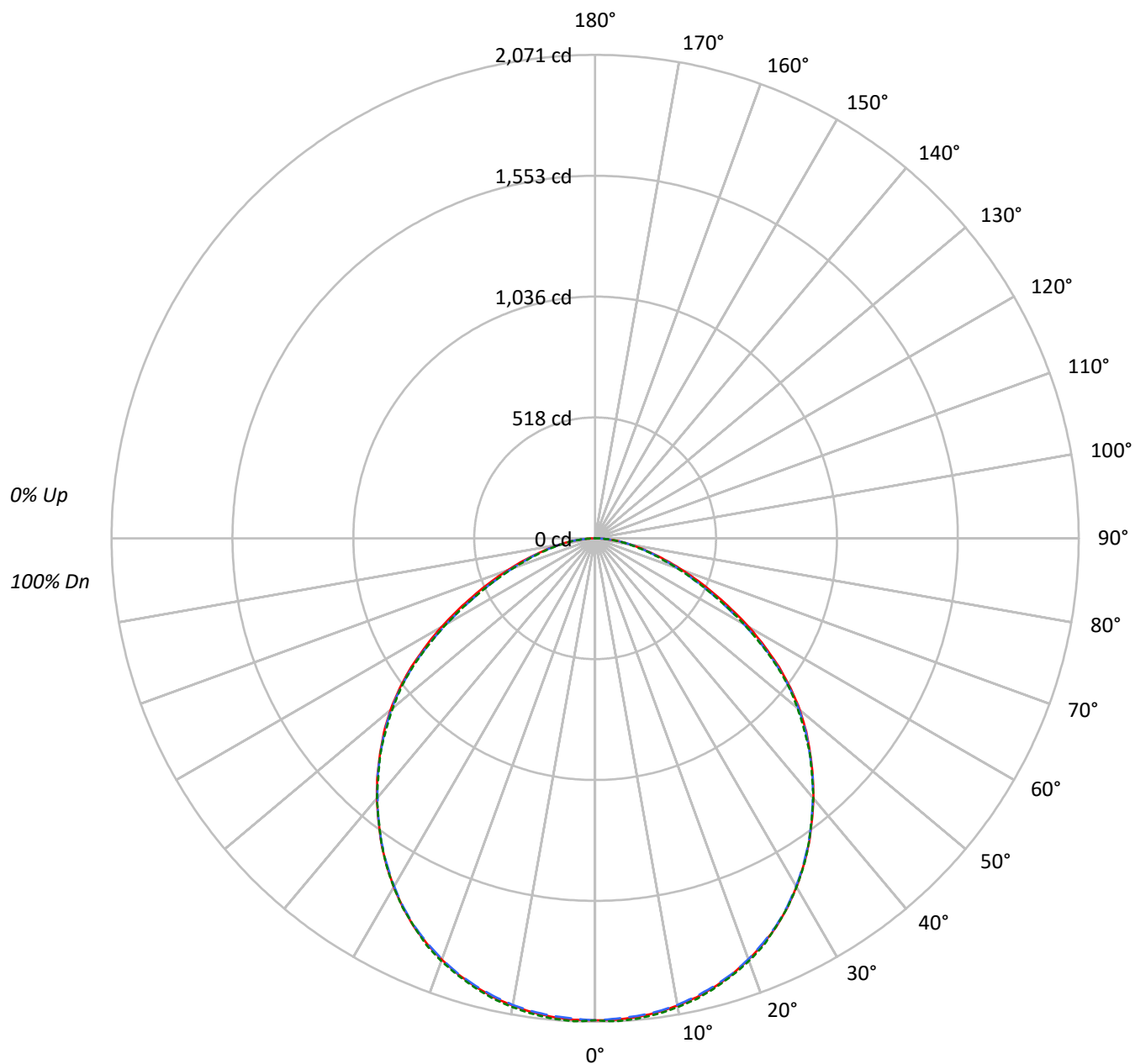
Lumens per Lamp: N/A
Luminaire Lumens: 5336.0 lumens
Efficiency: N/A
Efficacy: 102.6 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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°	195.8	3.7
10°-20°	561.1	10.5
20°-30°	844.7	15.8
30°-40°	997.0	18.7
40°-50°	1002.7	18.8
50°-60°	846.5	15.9
60°-70°	543.6	10.2
70°-80°	270.4	5.1
80°-90°	74.1	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°	1601.7	30.0
0°-40°	2598.7	48.7
0°-60°	4447.9	83.4
0°-90°	5336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5336.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2065	2065	2065	2065	2065	
5°	2059	2060	2055	2064	2066	196
15°	1987	1988	1984	1992	1992	561
25°	1836	1836	1833	1836	1835	845
35°	1596	1597	1594	1595	1595	997
45°	1302	1307	1298	1300	1300	1005
55°	961	960	950	946	947	855
65°	564	556	536	531	535	563
75°	258	257	249	246	244	280
85°	64	66	66	62	62	75
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2065.2	2065.2	2065.2	2065.2	2065.2
2.5°	2064.4	2065.2	2059.8	2069.6	2071.2
5°	2059.2	2059.8	2054.6	2064.4	2065.7
7.5°	2048.6	2049.4	2044.8	2053.8	2055.4
10°	2032.8	2035.2	2029.8	2038.2	2039.6
12.5°	2013.4	2014.3	2008.8	2018.6	2020.3
15°	1987.3	1987.8	1983.5	1992.5	1992.5
17.5°	1957.1	1957.9	1954.9	1962.5	1961.7
20°	1920.6	1922.7	1918.9	1924.1	1927.1
22.5°	1880.8	1881.6	1877.0	1883.8	1886.8
25°	1835.9	1836.4	1832.9	1836.4	1835.0
27.5°	1783.3	1784.6	1779.5	1783.3	1784.1
30°	1724.7	1728.5	1721.2	1724.2	1724.7
32.5°	1661.8	1664.0	1658.8	1659.6	1663.4
35°	1595.9	1596.7	1593.7	1595.1	1595.1
37.5°	1524.8	1527.8	1523.2	1525.3	1522.3
40°	1454.2	1451.3	1449.6	1451.3	1453.4
42.5°	1379.9	1380.7	1378.5	1376.9	1373.3
45°	1302.0	1306.6	1298.2	1299.8	1299.8
47.5°	1225.7	1226.3	1221.9	1217.3	1214.3
50°	1144.0	1144.0	1138.6	1135.0	1130.4
52.5°	1054.7	1053.3	1047.3	1043.5	1045.7
55°	961.0	960.1	949.8	946.0	946.8
57.5°	858.3	859.9	844.1	840.3	840.3
60°	760.2	752.6	734.6	729.4	736.0
62.5°	657.3	648.3	628.9	628.9	634.1
65°	564.4	556.2	536.0	530.6	535.2
67.5°	477.5	469.9	451.3	448.3	449.7
70°	395.0	388.4	377.0	370.2	372.6
72.5°	323.9	317.9	310.2	305.1	302.1
75°	258.5	257.1	249.0	246.5	243.5
77.5°	204.6	204.0	197.2	194.2	191.2
80°	153.6	152.8	151.4	146.8	144.6
82.5°	109.5	109.5	108.7	104.9	102.7
85°	63.7	65.9	65.9	62.1	62.1
87.5°	25.6	27.0	25.6	25.6	24.8
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)