

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: P1046879

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

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046879
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-224-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PLG-L940-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

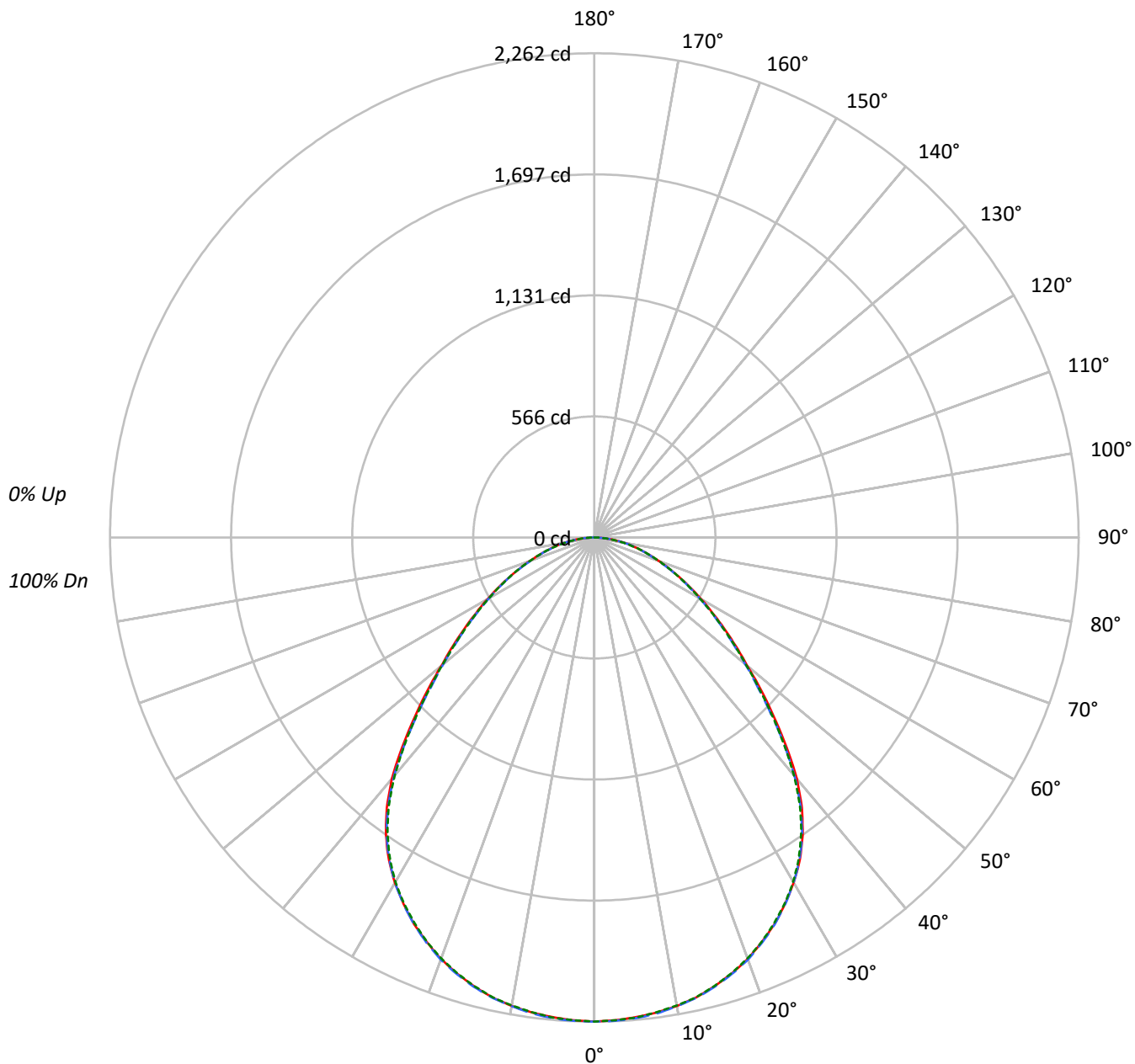
Lumens per Lamp: N/A
Luminaire Lumens: 5097.3 lumens
Efficiency: N/A
Efficacy: 98.0 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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

TEST NUMBER: P1046879

CATALOG NUMBER: 22PTR-60-PLG-L940-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1046879

CATALOG NUMBER: 22PTR-60-PLG-L940-UNV-STD-W

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	110	106	102	98		107	103	100	97		99	96	94		95	93	91		92	90	88
2	101	94	87	82		99	92	86	81		88	84	79		85	81	78		82	79	76
3	93	83	76	70		91	82	75	69		79	73	68		76	71	67		74	69	66
4	86	75	67	60		84	73	66	60		71	64	59		69	63	58		67	62	58
5	79	67	59	53		77	66	58	53		64	57	52		62	56	51		61	55	51
6	74	61	53	47		72	60	52	47		58	51	46		57	51	46		55	50	45
7	69	56	48	42		67	55	47	42		54	46	41		52	46	41		51	45	41
8	64	51	43	38		62	51	43	38		49	42	37		48	42	37		47	41	37
9	60	47	39	34		59	47	39	34		46	39	34		44	38	34		43	38	34
10	56	44	36	31		55	43	36	31		42	36	31		41	35	31		40	35	31

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: -

TEST NUMBER: P1046879

CATALOG NUMBER: 22PTR-60-PLG-L940-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	214.2	4.2
10°-20°	612.8	12.0
20°-30°	917.0	18.0
30°-40°	1050.6	20.6
40°-50°	908.6	17.8
50°-60°	657.6	12.9
60°-70°	433.1	8.5
70°-80°	235.8	4.6
80°-90°	67.6	1.3
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°	1744.0	34.2
0°-40°	2794.5	54.8
0°-60°	4360.8	85.6
0°-90°	5097.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5097.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2262	2262	2262	2262	2262	
5°	2249	2254	2254	2254	2251	214
15°	2171	2172	2174	2177	2169	612
25°	1992	1992	1994	1996	1988	916
35°	1697	1695	1692	1691	1684	1054
45°	1186	1183	1167	1166	1172	919
55°	738	735	727	722	729	665
65°	437	440	434	430	435	436
75°	223	223	220	220	223	238
85°	59	59	59	61	53	69
90°	0	0	0	0	0	

TEST NUMBER: P1046879

CATALOG NUMBER: 22PTR-60-PLG-L940-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2262.1	2262.1	2262.1	2262.1	2262.1
2.5°	2257.3	2262.1	2260.5	2262.1	2257.3
5°	2249.3	2254.1	2254.1	2254.1	2250.9
7.5°	2238.0	2241.3	2242.9	2244.5	2236.4
10°	2222.0	2225.2	2223.6	2226.8	2220.4
12.5°	2201.1	2201.1	2202.7	2205.9	2199.5
15°	2170.6	2172.2	2173.8	2177.0	2169.0
17.5°	2135.3	2136.9	2138.5	2140.1	2133.7
20°	2095.2	2095.2	2098.4	2100.0	2091.9
22.5°	2045.4	2045.4	2048.6	2053.4	2043.8
25°	1992.4	1992.4	1994.0	1995.6	1987.6
27.5°	1929.8	1929.8	1931.4	1936.2	1926.6
30°	1862.4	1860.8	1862.4	1864.0	1857.5
32.5°	1786.9	1785.3	1783.7	1785.3	1777.3
35°	1697.0	1695.4	1692.2	1690.6	1684.2
37.5°	1592.6	1589.4	1583.0	1583.0	1576.6
40°	1470.6	1462.6	1454.6	1451.4	1449.8
42.5°	1329.3	1322.9	1311.7	1310.1	1310.1
45°	1186.5	1183.2	1167.2	1165.6	1172.0
47.5°	1058.0	1050.0	1035.5	1032.3	1042.0
50°	931.2	932.8	919.9	915.1	924.8
52.5°	831.6	828.4	817.2	814.0	822.0
55°	738.5	735.3	727.3	722.5	728.9
57.5°	653.4	651.8	643.8	642.2	645.4
60°	576.4	574.8	568.3	566.7	568.3
62.5°	504.1	504.1	497.7	494.5	499.3
65°	436.7	439.9	433.5	430.3	435.1
67.5°	375.7	378.9	372.5	369.3	375.7
70°	317.9	321.1	314.7	311.5	317.9
72.5°	268.1	269.7	264.9	263.3	271.3
75°	223.2	223.2	220.0	220.0	223.2
77.5°	181.4	179.8	178.2	178.2	175.0
80°	139.7	138.1	138.1	138.1	133.3
82.5°	99.5	96.3	97.9	99.5	91.5
85°	59.4	59.4	59.4	61.0	53.0
87.5°	24.1	24.1	22.5	24.1	20.9
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)