

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: P1046874

Luminaire Tested: 22PTR-60-PLG-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046874
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-L935-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

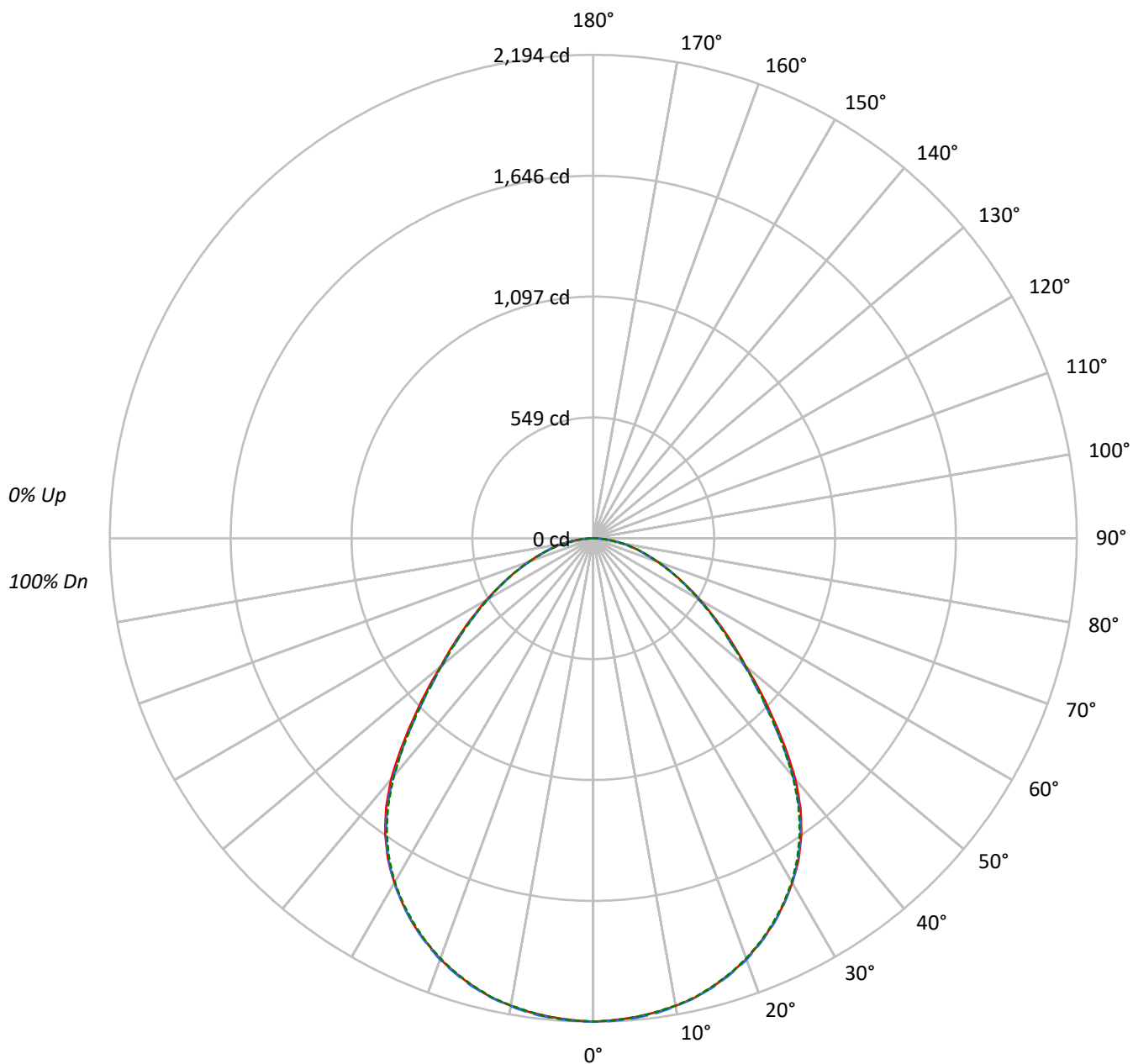
Lumens per Lamp: N/A
Luminaire Lumens: 4943.1 lumens
Efficiency: N/A
Efficacy: 95.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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: P1046874

CATALOG NUMBER: 22PTR-60-PLG-L935-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1046874

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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	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86		
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74		
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64		
4	86	75	67	60	84	73	66	60	71	64	59	69	63	58	67	62	58	56		
5	79	67	59	53	77	66	58	53	64	57	52	62	56	51	61	55	51	49		
6	74	61	53	47	72	60	52	47	58	51	46	57	51	46	55	50	45	43		
7	69	56	48	42	67	55	47	42	54	46	41	52	46	41	51	45	41	39		
8	64	51	43	38	62	51	43	38	49	42	37	48	42	37	47	41	37	35		
9	60	47	39	34	59	47	39	34	46	39	34	44	38	34	43	38	34	32		
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	31	29		

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: P1046874

CATALOG NUMBER: 22PTR-60-PLG-L935-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.7	4.2
10°-20°	594.3	12.0
20°-30°	889.2	18.0
30°-40°	1018.8	20.6
40°-50°	881.1	17.8
50°-60°	637.7	12.9
60°-70°	420.0	8.5
70°-80°	228.6	4.6
80°-90°	65.5	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°	1691.2	34.2
0°-40°	2710.0	54.8
0°-60°	4228.9	85.6
0°-90°	4943.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4943.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2194	2194	2194	2194	2194	
5°	2181	2186	2186	2186	2183	207
15°	2105	2106	2108	2111	2103	594
25°	1932	1932	1934	1935	1928	889
35°	1646	1644	1641	1640	1633	1022
45°	1151	1148	1132	1130	1137	891
55°	716	713	705	701	707	645
65°	424	427	420	417	422	423
75°	216	216	213	213	216	231
85°	58	58	58	59	51	67
90°	0	0	0	0	0	

TEST NUMBER: P1046874

CATALOG NUMBER: 22PTR-60-PLG-L935-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2193.7	2193.7	2193.7	2193.7	2193.7
2.5°	2189.0	2193.7	2192.2	2193.7	2189.0
5°	2181.3	2185.9	2185.9	2185.9	2182.8
7.5°	2170.4	2173.5	2175.0	2176.6	2168.8
10°	2154.8	2157.9	2156.4	2159.5	2153.2
12.5°	2134.6	2134.6	2136.1	2139.2	2133.0
15°	2105.0	2106.5	2108.1	2111.2	2103.4
17.5°	2070.7	2072.3	2073.8	2075.4	2069.2
20°	2031.8	2031.8	2034.9	2036.5	2028.7
22.5°	1983.5	1983.5	1986.6	1991.3	1982.0
25°	1932.2	1932.2	1933.7	1935.3	1927.5
27.5°	1871.4	1871.4	1873.0	1877.7	1868.3
30°	1806.0	1804.5	1806.0	1807.6	1801.4
32.5°	1732.9	1731.3	1729.8	1731.3	1723.5
35°	1645.7	1644.1	1641.0	1639.5	1633.2
37.5°	1544.5	1541.4	1535.1	1535.1	1528.9
40°	1426.2	1418.4	1410.6	1407.5	1405.9
42.5°	1289.1	1282.9	1272.0	1270.5	1270.5
45°	1150.6	1147.5	1131.9	1130.3	1136.6
47.5°	1026.0	1018.2	1004.2	1001.1	1010.4
50°	903.0	904.6	892.1	887.5	896.8
52.5°	806.5	803.4	792.5	789.4	797.1
55°	716.2	713.1	705.3	700.6	706.8
57.5°	633.7	632.1	624.3	622.8	625.9
60°	558.9	557.4	551.2	549.6	551.2
62.5°	488.9	488.9	482.6	479.5	484.2
65°	423.5	426.6	420.4	417.3	421.9
67.5°	364.3	367.4	361.2	358.1	364.3
70°	308.3	311.4	305.2	302.0	308.3
72.5°	260.0	261.6	256.9	255.3	263.1
75°	216.4	216.4	213.3	213.3	216.4
77.5°	175.9	174.4	172.8	172.8	169.7
80°	135.5	133.9	133.9	133.9	129.2
82.5°	96.5	93.4	95.0	96.5	88.7
85°	57.6	57.6	57.6	59.2	51.4
87.5°	23.4	23.4	21.8	23.4	20.2
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)