

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: P1046795

Luminaire Tested: 22PTR-60-PC3-L940-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046795
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-L940-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

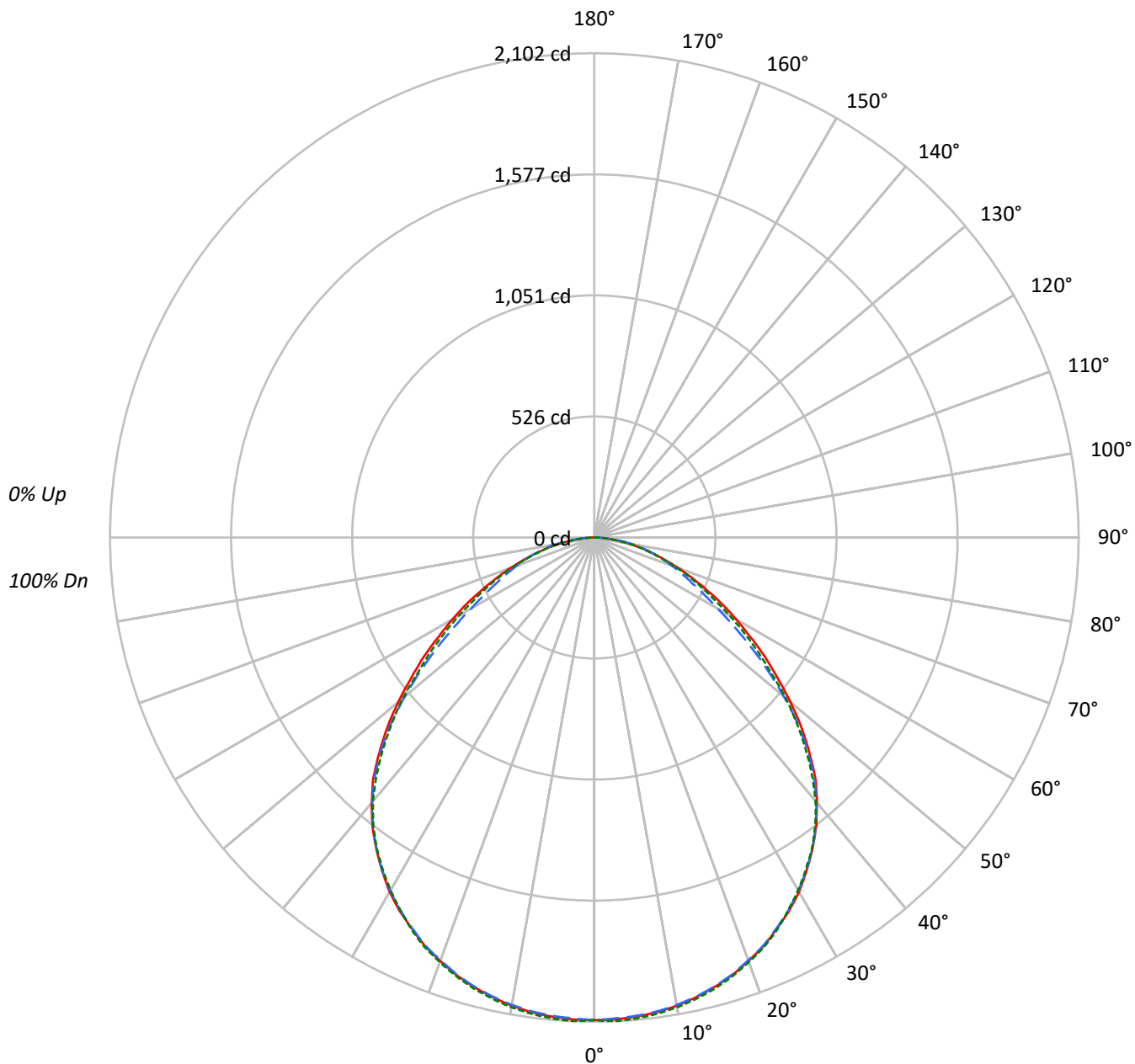
Lumens per Lamp: N/A
Luminaire Lumens: 5283.6 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (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: P1046795

CATALOG NUMBER: 22PTR-60-PC3-L940-UNV-STD-W

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	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	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72		
3	92	82	74	68	90	80	73	68	77	71	66	75	70	65	72	68	64	62		
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54		
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47		
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41		
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37		
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33		
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30		
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27		

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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CATALOG NUMBER: 22PTR-60-PC3-L940-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.8	3.8
10°-20°	570.5	10.8
20°-30°	863.8	16.3
30°-40°	1029.9	19.5
40°-50°	1006.3	19.0
50°-60°	769.5	14.6
60°-70°	494.0	9.4
70°-80°	274.8	5.2
80°-90°	75.9	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°	1633.1	30.9
0°-40°	2663.0	50.4
0°-60°	4438.8	84.0
0°-90°	5283.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5283.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2096	2096	2096	2096	2096	
5°	2088	2090	2085	2094	2096	199
15°	2020	2022	2018	2025	2027	570
25°	1874	1876	1871	1877	1878	864
35°	1651	1652	1649	1648	1646	1031
45°	1319	1322	1310	1306	1296	1015
55°	904	873	831	841	868	808
65°	537	495	467	483	515	535
75°	258	260	262	259	253	276
85°	56	66	67	64	56	69
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2095.7	2095.7	2095.7	2095.7	2095.7
2.5°	2094.4	2095.2	2089.7	2098.7	2101.7
5°	2088.4	2089.7	2084.6	2094.4	2096.5
7.5°	2079.4	2080.7	2075.6	2085.4	2086.2
10°	2064.4	2065.2	2060.6	2070.4	2071.8
12.5°	2044.3	2046.4	2041.3	2050.2	2050.8
15°	2020.0	2021.6	2017.8	2024.6	2026.8
17.5°	1991.7	1992.5	1988.7	1996.0	1996.9
20°	1956.3	1956.3	1953.3	1961.7	1961.7
22.5°	1920.3	1918.2	1917.3	1920.3	1925.0
25°	1874.0	1876.2	1871.0	1877.0	1878.4
27.5°	1829.1	1829.1	1824.5	1827.5	1823.6
30°	1777.3	1774.4	1771.4	1771.9	1768.4
32.5°	1715.0	1715.0	1713.6	1713.6	1709.0
35°	1650.7	1652.1	1649.1	1648.3	1646.1
37.5°	1581.5	1584.0	1578.5	1577.2	1575.5
40°	1502.8	1502.8	1500.6	1497.6	1493.8
42.5°	1421.1	1421.1	1411.6	1404.0	1398.8
45°	1319.3	1322.3	1309.5	1306.5	1296.1
47.5°	1217.9	1215.8	1198.6	1196.4	1190.4
50°	1110.1	1097.3	1072.8	1079.3	1084.8
52.5°	1002.2	986.4	950.5	957.9	966.8
55°	903.9	872.6	830.7	841.0	868.0
57.5°	801.3	759.3	717.4	737.0	770.5
60°	710.6	663.4	617.7	638.7	677.6
62.5°	623.7	573.6	536.8	557.0	589.9
65°	536.8	495.4	467.1	482.6	515.0
67.5°	457.3	429.5	410.2	417.5	443.7
70°	385.4	367.9	357.6	359.8	374.8
72.5°	317.0	312.7	308.8	308.8	310.2
75°	257.9	260.1	262.3	258.7	252.7
77.5°	203.2	210.5	216.0	208.3	201.0
80°	149.2	161.2	168.0	159.6	148.4
82.5°	101.9	115.5	117.7	112.5	99.7
85°	56.1	65.9	66.7	64.5	56.1
87.5°	21.0	24.8	27.0	24.8	21.8
90°	0.0	0.0	0.0	0.0	0.0



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)