

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: P1046963

Luminaire Tested: 22PTR-60-PR1-L940-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046963
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PR1-L940-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

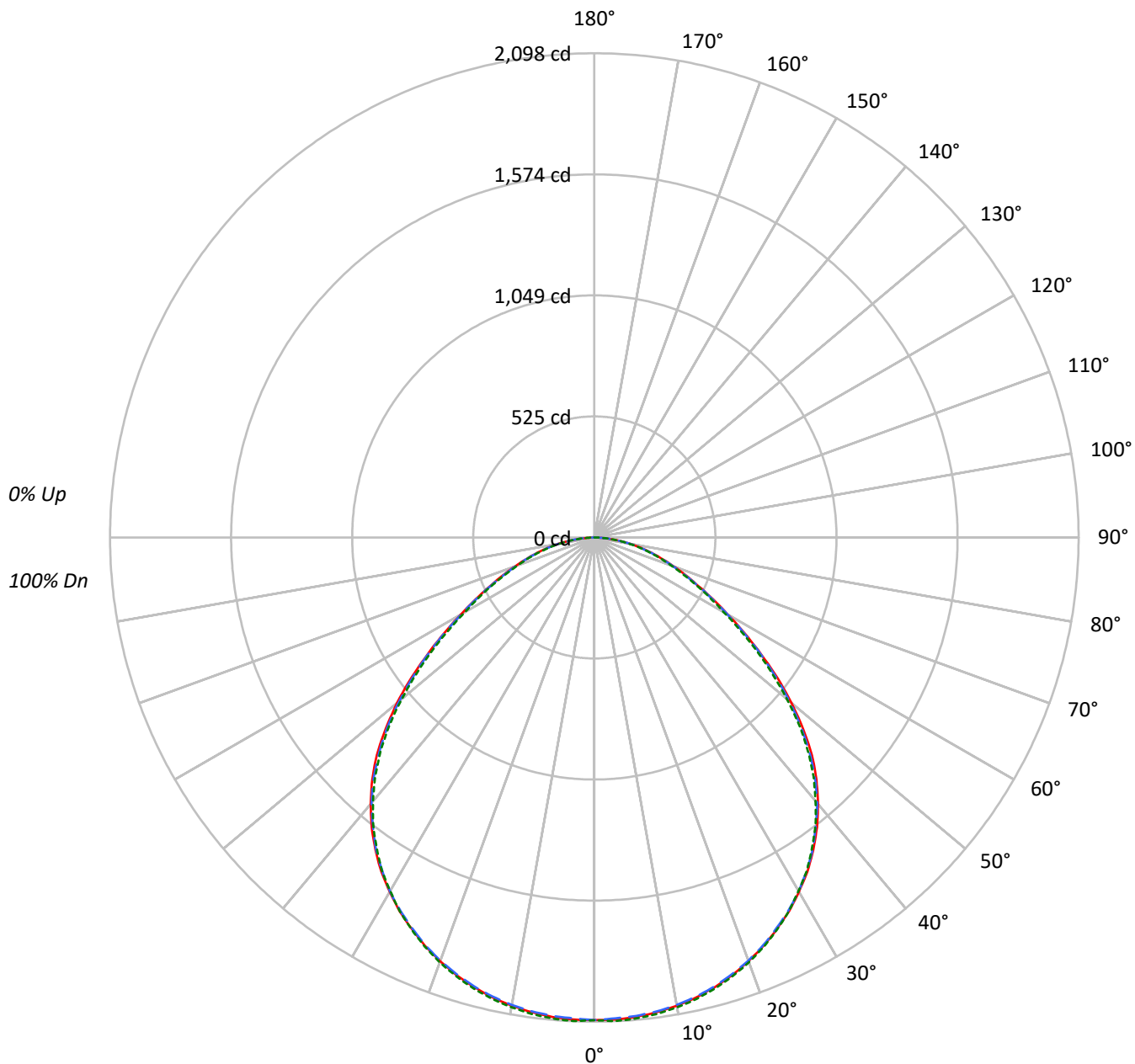
Lumens per Lamp: N/A
Luminaire Lumens: 5289.4 lumens
Efficiency: N/A
Efficacy: 101.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	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	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	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	45	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	39	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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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.4	3.8
10°-20°	569.4	10.8
20°-30°	862.7	16.3
30°-40°	1029.8	19.5
40°-50°	1012.8	19.1
50°-60°	782.8	14.8
60°-70°	493.6	9.3
70°-80°	267.0	5.0
80°-90°	72.9	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°	1630.5	30.8
0°-40°	2660.4	50.3
0°-60°	4455.9	84.2
0°-90°	5289.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5289.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2092	2092	2092	2092	2092	
5°	2086	2086	2081	2090	2092	198
15°	2017	2017	2014	2020	2023	569
25°	1872	1873	1867	1873	1874	863
35°	1654	1654	1650	1648	1643	1033
45°	1334	1328	1318	1308	1309	1021
55°	881	888	877	863	860	790
65°	497	498	494	486	484	500
75°	256	253	250	251	245	272
85°	62	63	62	62	59	74
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2091.5	2091.5	2091.5	2091.5	2091.5
2.5°	2090.7	2091.5	2085.5	2095.3	2097.5
5°	2085.5	2086.3	2080.9	2089.9	2092.3
7.5°	2074.9	2076.5	2071.4	2080.3	2082.5
10°	2059.9	2061.6	2056.4	2065.4	2067.5
12.5°	2041.4	2041.9	2037.6	2045.8	2047.9
15°	2016.6	2017.2	2013.6	2020.2	2023.1
17.5°	1988.0	1988.8	1983.7	1991.8	1993.2
20°	1953.7	1954.2	1951.2	1958.1	1958.9
22.5°	1915.3	1916.9	1912.3	1918.3	1919.1
25°	1872.0	1873.3	1867.4	1873.3	1874.2
27.5°	1826.2	1826.8	1821.6	1826.2	1825.4
30°	1772.8	1777.5	1770.7	1769.0	1768.5
32.5°	1717.6	1718.1	1711.6	1709.9	1712.9
35°	1653.8	1654.4	1650.0	1647.8	1643.2
37.5°	1584.1	1584.1	1575.6	1574.3	1573.5
40°	1507.6	1506.7	1501.6	1496.4	1490.9
42.5°	1424.2	1425.8	1415.2	1406.2	1404.9
45°	1333.5	1328.3	1318.5	1308.2	1309.0
47.5°	1226.5	1227.8	1214.5	1206.0	1203.9
50°	1115.3	1115.3	1102.8	1093.8	1089.2
52.5°	999.3	1000.1	988.2	976.2	973.7
55°	880.8	888.2	877.0	862.9	859.9
57.5°	770.0	776.0	765.4	750.4	749.6
60°	667.3	667.8	664.8	650.7	646.9
62.5°	579.6	575.8	574.2	566.8	562.2
65°	497.1	497.9	494.1	485.6	484.3
67.5°	430.3	429.5	422.7	417.5	414.5
70°	365.0	362.8	359.8	355.4	352.4
72.5°	306.7	306.7	304.2	302.9	297.7
75°	255.8	252.8	249.8	251.1	245.1
77.5°	207.0	204.0	201.6	198.6	197.2
80°	156.6	153.6	154.4	149.8	149.3
82.5°	108.7	108.7	107.3	103.5	104.3
85°	62.1	62.9	61.6	62.1	59.1
87.5°	22.6	23.2	24.8	23.2	23.2
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)