

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: P1046743

Luminaire Tested: 22PTR-60-PB1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046743
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737703)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PB1-L930-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

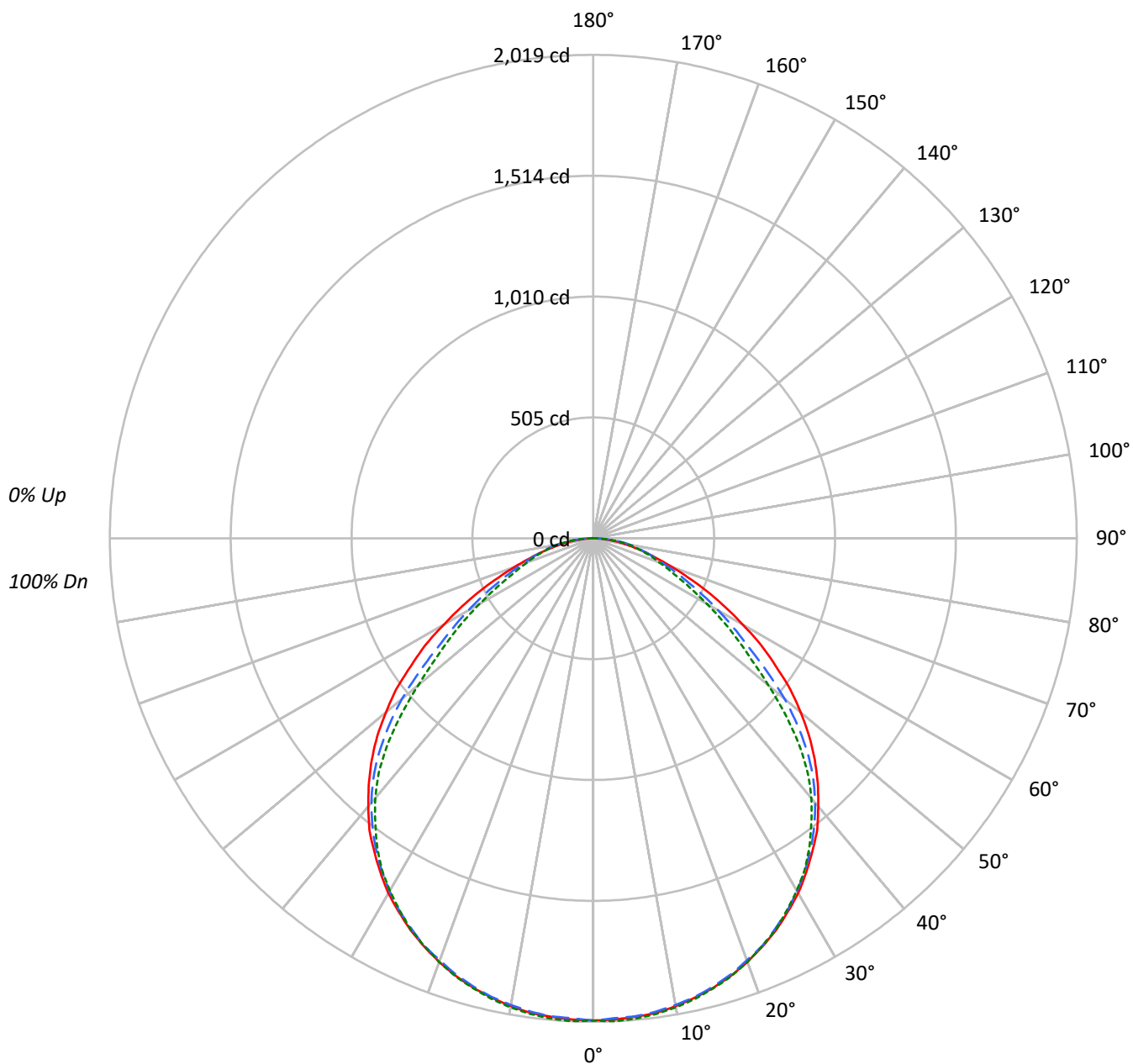
Lumens per Lamp: N/A
Luminaire Lumens: 5022.0 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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

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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	93	90	91	89	88	86		
2	100	93	86	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73		
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	64	62		
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54		
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47		
6	72	60	51	45	71	59	51	45	57	50	44	55	49	44	54	48	44	42		
7	67	54	46	40	66	53	45	40	52	45	39	51	44	39	49	43	39	37		
8	63	50	41	36	61	49	41	36	48	41	35	46	40	35	45	39	35	33		
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30		
10	55	42	34	29	54	42	34	29	41	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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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.0	3.8
10°-20°	548.0	10.9
20°-30°	830.0	16.5
30°-40°	989.0	19.7
40°-50°	967.2	19.3
50°-60°	731.6	14.6
60°-70°	449.5	8.9
70°-80°	239.4	4.8
80°-90°	76.4	1.5
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°	1568.9	31.2
0°-40°	2558.0	50.9
0°-60°	4256.7	84.8
0°-90°	5022.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5022.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2014	2014	2014	2014	2014	
5°	2006	2009	2004	2012	2014	191
15°	1942	1945	1937	1945	1945	548
25°	1806	1803	1798	1801	1803	832
35°	1595	1593	1583	1576	1573	998
45°	1308	1301	1266	1224	1214	1006
55°	929	882	790	746	733	832
65°	523	481	441	406	394	520
75°	223	226	228	220	216	239
85°	50	64	79	74	69	60
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2014.0	2014.0	2014.0	2014.0	2014.0
2.5°	2011.7	2014.0	2006.5	2016.6	2018.9
5°	2006.5	2009.1	2004.1	2011.7	2014.0
7.5°	1999.2	1999.2	1994.2	2001.5	2004.1
10°	1984.3	1984.3	1979.4	1986.7	1989.3
12.5°	1964.6	1964.6	1962.0	1966.9	1969.5
15°	1942.2	1944.6	1937.3	1944.6	1944.6
17.5°	1914.9	1912.6	1910.0	1914.9	1917.5
20°	1882.7	1882.7	1875.4	1880.3	1882.7
22.5°	1845.5	1845.5	1843.1	1845.5	1843.1
25°	1805.9	1803.3	1798.4	1801.0	1803.3
27.5°	1758.9	1758.9	1753.9	1753.9	1751.3
30°	1711.8	1709.2	1701.9	1697.0	1699.3
32.5°	1654.8	1652.2	1645.0	1640.0	1642.4
35°	1595.3	1592.9	1583.1	1575.5	1573.2
37.5°	1536.0	1528.4	1516.0	1506.1	1496.2
40°	1461.6	1454.1	1441.8	1419.5	1416.9
42.5°	1387.2	1379.9	1359.9	1332.9	1325.3
45°	1307.9	1300.6	1265.8	1223.6	1213.8
47.5°	1223.6	1211.4	1156.8	1104.8	1085.0
50°	1129.8	1107.4	1042.9	976.0	953.7
52.5°	1037.9	998.4	914.2	854.6	832.5
55°	929.0	881.9	790.4	745.6	733.1
57.5°	832.5	768.0	693.6	649.1	639.3
60°	720.9	661.4	602.1	562.3	547.5
62.5°	619.2	567.2	517.8	483.0	465.8
65°	522.7	480.6	441.1	406.2	394.0
67.5°	428.6	406.2	374.0	346.9	339.4
70°	349.3	336.8	314.7	302.2	292.3
72.5°	277.5	282.4	267.6	262.7	255.1
75°	222.9	225.5	227.8	220.5	215.6
77.5°	168.5	180.7	190.6	185.7	180.7
80°	126.4	138.6	156.0	148.8	148.8
82.5°	86.6	101.7	116.5	111.6	109.0
85°	49.7	64.5	79.3	74.4	69.4
87.5°	19.8	32.2	34.6	34.6	32.2
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)