

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: P1046995

Luminaire Tested: 22PTR-60-PW1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046995
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737743)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PW1-L930-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND WAVES LENS

Light Source:
Ballast/Driver: -

Summary

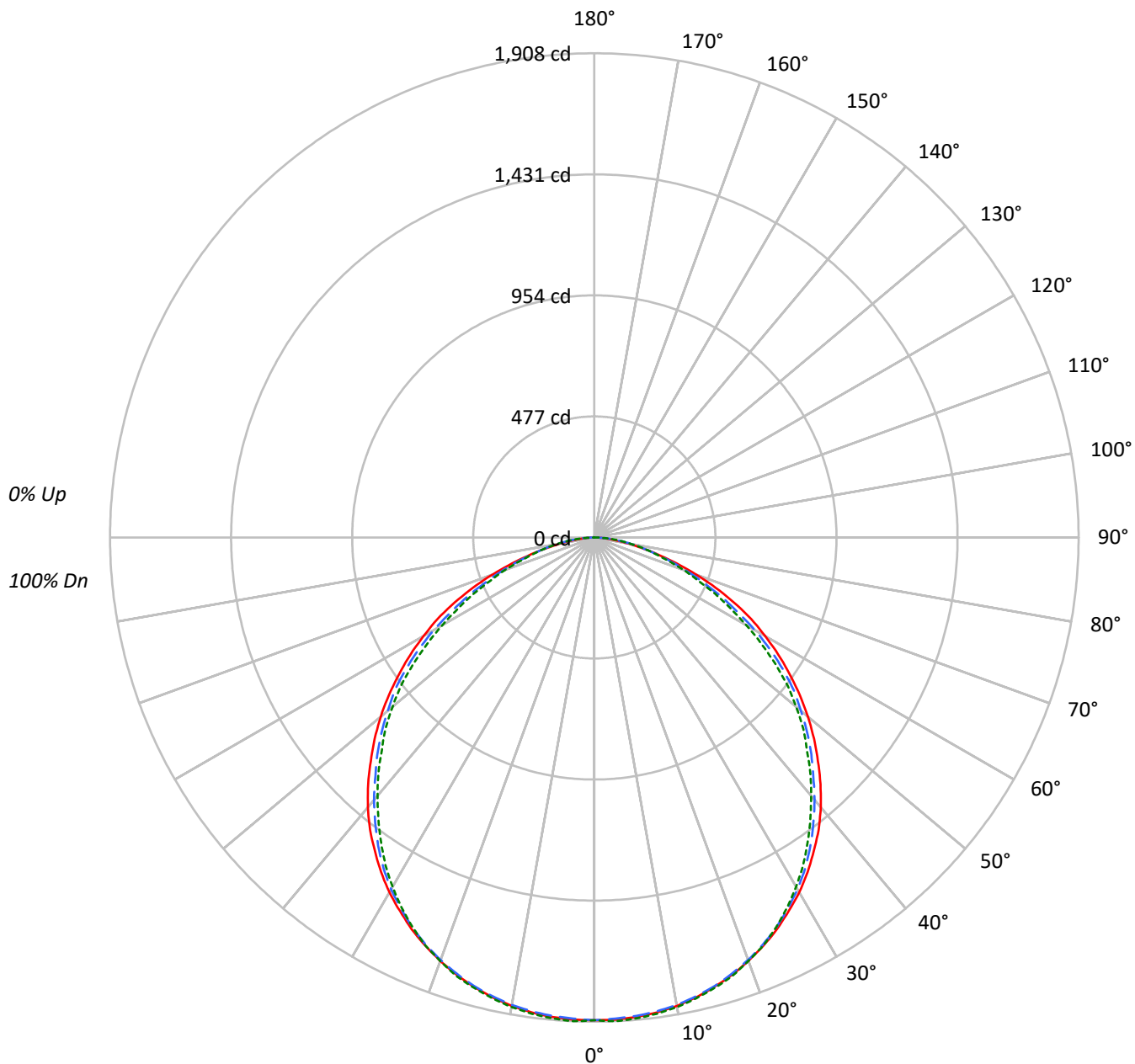
Lumens per Lamp: N/A
Luminaire Lumens: 5048.8 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	109	105	101	97	107	103	99	95	98	95	92	94	92	90	91	89	87	85		
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71		
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61		
4	84	72	63	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52		
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45		
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40		
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35		
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31		
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28		
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26		

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°	180.4	3.6
10°-20°	517.5	10.2
20°-30°	782.1	15.5
30°-40°	928.7	18.4
40°-50°	935.6	18.5
50°-60°	808.7	16.0
60°-70°	552.7	10.9
70°-80°	272.5	5.4
80°-90°	70.5	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°	1480.0	29.3
0°-40°	2408.7	47.7
0°-60°	4153.1	82.3
0°-90°	5048.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5048.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1902	1902	1902	1902	1902	
5°	1897	1898	1893	1900	1902	180
15°	1833	1835	1830	1836	1837	517
25°	1703	1702	1696	1698	1695	785
35°	1507	1502	1484	1471	1466	943
45°	1246	1232	1209	1195	1184	961
55°	939	936	907	880	871	840
65°	607	585	551	527	524	599
75°	257	255	252	252	245	280
85°	49	57	63	64	63	60
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1902.5	1902.5	1902.5	1902.5	1902.5
2.5°	1902.0	1902.5	1897.6	1906.1	1908.1
5°	1896.9	1897.6	1892.8	1900.4	1902.5
7.5°	1887.9	1889.2	1883.5	1891.2	1892.8
10°	1874.3	1875.1	1870.2	1877.9	1879.4
12.5°	1856.1	1856.6	1852.5	1859.5	1859.5
15°	1832.8	1834.9	1830.0	1836.4	1836.9
17.5°	1806.7	1807.5	1802.6	1809.5	1811.0
20°	1775.7	1775.7	1771.6	1777.2	1775.7
22.5°	1741.1	1741.1	1736.2	1739.1	1740.3
25°	1703.2	1701.7	1696.0	1697.6	1694.7
27.5°	1659.4	1659.4	1649.4	1649.4	1644.5
30°	1615.1	1611.5	1601.0	1594.6	1589.7
32.5°	1564.1	1559.2	1545.9	1534.6	1531.1
35°	1507.2	1502.1	1484.4	1471.1	1465.5
37.5°	1452.2	1440.9	1417.6	1404.3	1397.9
40°	1387.9	1373.8	1350.0	1331.5	1328.7
42.5°	1319.0	1307.7	1276.7	1263.1	1259.8
45°	1245.7	1232.1	1208.8	1194.7	1184.2
47.5°	1173.7	1163.7	1137.1	1120.2	1116.6
50°	1098.2	1089.7	1062.3	1044.1	1037.7
52.5°	1020.0	1014.4	991.1	967.8	960.1
55°	939.1	936.3	907.3	880.4	871.2
57.5°	859.4	855.8	819.7	788.7	780.3
60°	776.2	765.7	730.3	701.4	692.1
62.5°	697.3	674.7	636.6	614.0	603.5
65°	606.8	585.1	551.3	527.2	523.8
67.5°	518.2	492.1	466.0	451.1	439.8
70°	425.7	408.1	388.3	375.8	373.7
72.5°	339.7	327.1	317.1	309.4	303.0
75°	257.2	255.1	251.5	251.5	244.6
77.5°	189.0	193.9	196.7	196.0	197.5
80°	131.2	140.9	146.5	147.3	146.5
82.5°	83.3	94.5	103.7	105.0	106.6
85°	48.7	57.1	62.8	64.0	62.8
87.5°	21.8	27.4	28.9	30.2	28.9
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)