

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: P1046706

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

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046706
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-L935-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

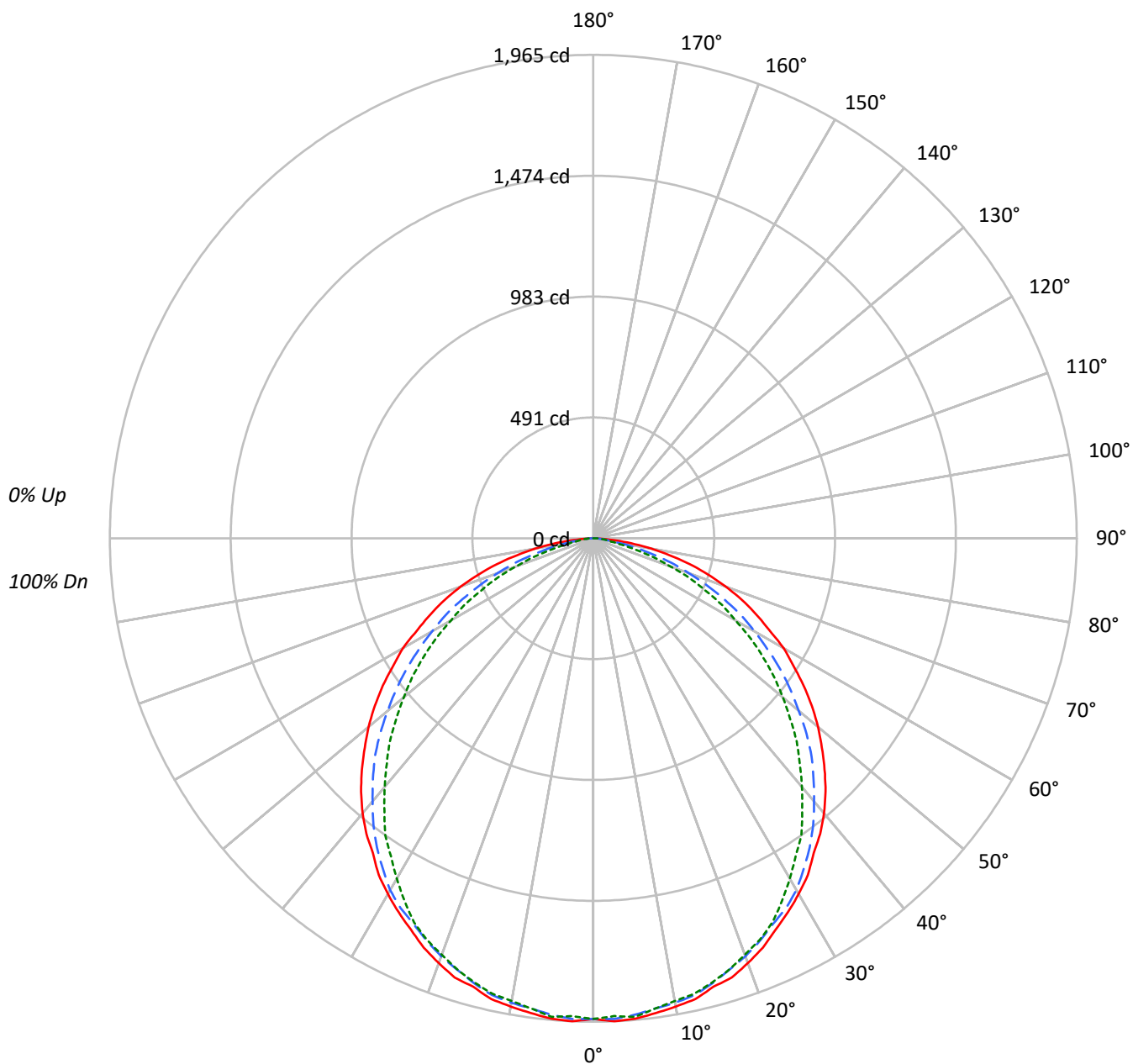
Lumens per Lamp: N/A
Luminaire Lumens: 5203.3 lumens
Efficiency: N/A
Efficacy: 100.1 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	96	98	95	93	95	92	90	91	89	87	85		
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72		
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	56	68	61	56	66	60	55	64	58	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	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31		
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28		
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	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°	185.2	3.6
10°-20°	529.9	10.2
20°-30°	800.4	15.4
30°-40°	951.6	18.3
40°-50°	965.1	18.5
50°-60°	838.1	16.1
60°-70°	594.9	11.4
70°-80°	284.3	5.5
80°-90°	53.9	1.0
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°	1515.4	29.1
0°-40°	2467.0	47.4
0°-60°	4270.1	82.1
0°-90°	5203.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5203.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1953	1953	1953	1953	1953	
5°	1960	1953	1944	1949	1952	186
15°	1887	1892	1872	1870	1868	535
25°	1754	1752	1729	1736	1723	810
35°	1561	1559	1533	1481	1474	981
45°	1330	1318	1255	1189	1169	1026
55°	1044	1012	927	873	842	932
65°	730	675	586	524	504	723
75°	406	332	247	196	173	426
85°	79	42	36	35	34	100
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1953.4	1953.4	1953.4	1953.4	1953.4
2.5°	1965.1	1958.1	1955.7	1963.9	1944.1
5°	1960.4	1953.4	1944.1	1948.8	1952.3
7.5°	1946.4	1940.6	1927.8	1938.3	1927.8
10°	1932.5	1926.7	1917.3	1920.8	1909.2
12.5°	1918.5	1904.6	1902.2	1904.6	1896.4
15°	1887.1	1891.8	1872.0	1869.6	1868.5
17.5°	1872.0	1860.3	1839.4	1840.6	1838.2
20°	1837.1	1823.1	1808.0	1805.7	1801.0
22.5°	1801.0	1784.7	1770.8	1777.7	1767.3
25°	1754.5	1752.1	1728.9	1735.9	1723.1
27.5°	1713.7	1705.6	1695.1	1680.0	1661.4
30°	1669.5	1661.4	1650.9	1611.4	1597.4
32.5°	1623.0	1613.7	1592.7	1546.2	1531.1
35°	1561.3	1559.0	1533.4	1481.1	1474.1
37.5°	1514.8	1489.2	1468.3	1414.7	1395.0
40°	1459.0	1445.0	1396.1	1344.9	1319.3
42.5°	1397.3	1381.0	1325.2	1270.5	1242.6
45°	1329.8	1318.2	1255.4	1189.0	1169.3
47.5°	1260.0	1249.5	1175.1	1111.1	1085.5
50°	1192.5	1179.7	1090.1	1028.5	1005.2
52.5°	1119.2	1098.3	1009.9	949.4	927.3
55°	1043.6	1012.2	927.3	872.6	842.3
57.5°	963.3	934.2	840.0	783.0	758.6
60°	893.5	852.8	756.2	698.1	666.7
62.5°	803.9	769.0	677.1	608.5	593.4
65°	729.5	674.8	586.4	523.5	503.8
67.5°	653.9	589.9	500.3	436.3	425.8
70°	571.2	504.9	413.0	350.2	332.7
72.5°	487.5	422.3	332.7	266.4	256.0
75°	406.0	331.6	246.6	195.5	173.4
77.5°	317.6	250.1	173.4	119.8	105.9
80°	236.2	168.7	100.1	71.0	69.8
82.5°	154.7	97.7	53.5	54.7	52.4
85°	79.1	41.9	36.1	34.9	33.7
87.5°	15.1	16.3	17.5	17.5	17.5
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)