

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: P1047000

Luminaire Tested: 22PTR-60-PW1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1047000
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-L935-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND WAVES LENS

Light Source:
Ballast/Driver: -

Summary

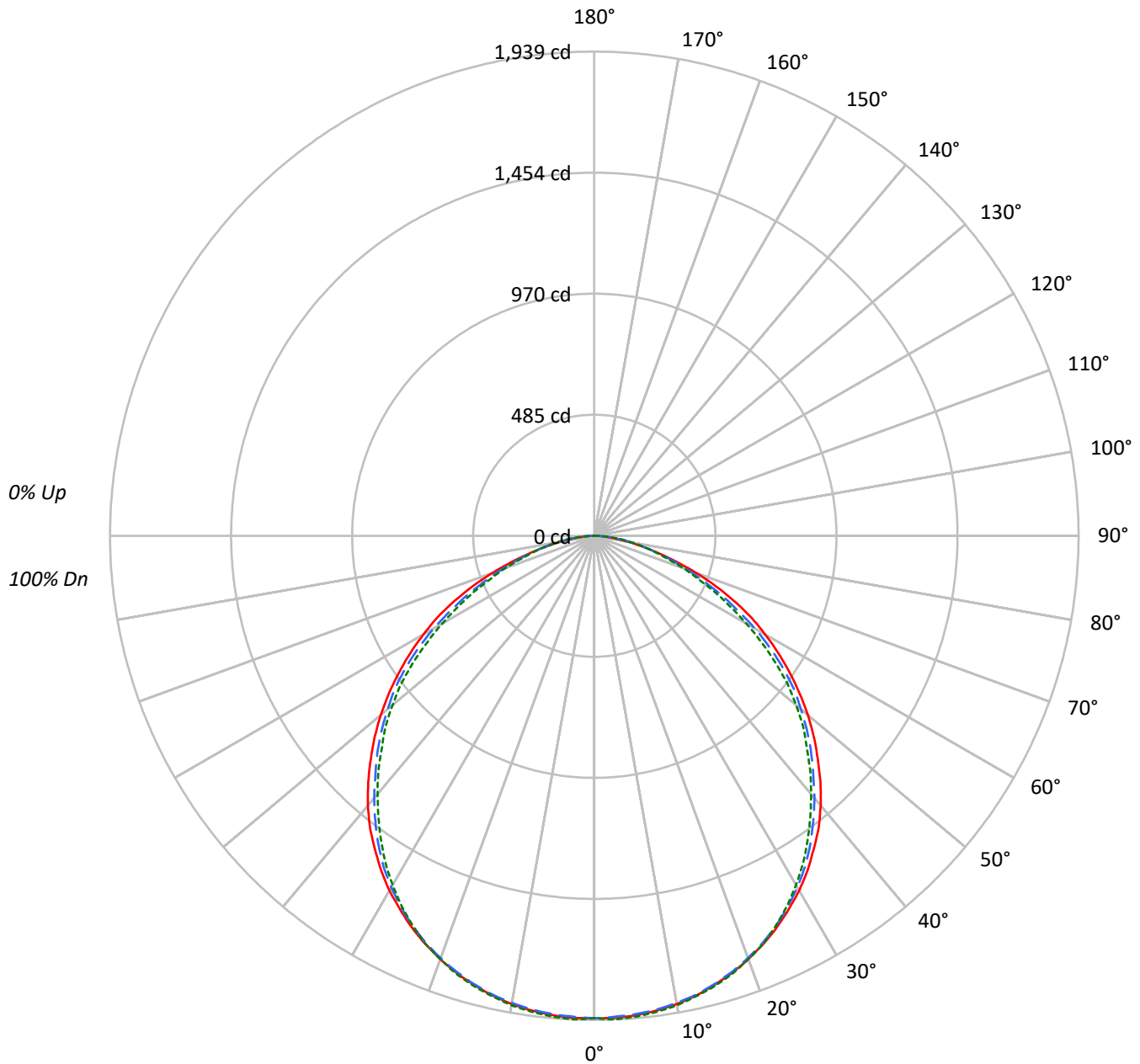
Lumens per Lamp: N/A
Luminaire Lumens: 5129.4 lumens
Efficiency: N/A
Efficacy: 98.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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

TEST NUMBER: P1047000

CATALOG NUMBER: 22PTR-60-PW1-L935-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1047000

CATALOG NUMBER: 22PTR-60-PW1-L935-UNV-STD-W

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: -

TEST NUMBER: P1047000

CATALOG NUMBER: 22PTR-60-PW1-L935-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.3	3.6
10°-20°	525.8	10.2
20°-30°	794.6	15.5
30°-40°	943.5	18.4
40°-50°	950.5	18.5
50°-60°	821.6	16.0
60°-70°	561.6	10.9
70°-80°	276.9	5.4
80°-90°	71.6	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°	1503.6	29.3
0°-40°	2447.1	47.7
0°-60°	4219.3	82.3
0°-90°	5129.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5129.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1933	1933	1933	1933	1933	
5°	1927	1928	1923	1931	1933	183
15°	1862	1864	1859	1866	1866	526
25°	1730	1729	1723	1725	1722	797
35°	1531	1526	1508	1495	1489	958
45°	1266	1252	1228	1214	1203	977
55°	954	951	922	894	885	853
65°	616	594	560	536	532	609
75°	261	259	256	256	248	285
85°	49	58	64	65	64	61
90°	0	0	0	0	0	

TEST NUMBER: P1047000

CATALOG NUMBER: 22PTR-60-PW1-L935-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1932.8	1932.8	1932.8	1932.8	1932.8
2.5°	1932.3	1932.8	1927.9	1936.5	1938.6
5°	1927.1	1927.9	1922.9	1930.7	1932.8
7.5°	1918.0	1919.3	1913.6	1921.4	1922.9
10°	1904.2	1905.0	1900.0	1907.8	1909.4
12.5°	1885.7	1886.2	1882.1	1889.1	1889.1
15°	1862.0	1864.1	1859.2	1865.7	1866.2
17.5°	1835.5	1836.3	1831.3	1838.4	1839.9
20°	1804.0	1804.0	1799.8	1805.6	1804.0
22.5°	1768.9	1768.9	1763.9	1766.8	1768.1
25°	1730.4	1728.8	1723.1	1724.6	1721.8
27.5°	1685.9	1685.9	1675.7	1675.7	1670.8
30°	1640.8	1637.2	1626.5	1620.0	1615.1
32.5°	1589.0	1584.1	1570.6	1559.1	1555.5
35°	1531.3	1526.1	1508.1	1494.6	1488.9
37.5°	1475.3	1463.9	1440.2	1426.7	1420.1
40°	1410.0	1395.7	1371.5	1352.7	1349.9
42.5°	1340.0	1328.5	1297.1	1283.3	1279.9
45°	1265.6	1251.8	1228.1	1213.8	1203.1
47.5°	1192.4	1182.3	1155.2	1138.0	1134.4
50°	1115.7	1107.1	1079.2	1060.8	1054.2
52.5°	1036.3	1030.6	1006.9	983.2	975.4
55°	954.1	951.2	921.8	894.5	885.1
57.5°	873.1	869.5	832.8	801.3	792.7
60°	788.5	777.9	742.0	712.5	703.2
62.5°	708.4	685.5	646.7	623.8	613.1
65°	616.5	594.4	560.0	535.6	532.2
67.5°	526.5	499.9	473.4	458.3	446.8
70°	432.5	414.6	394.5	381.8	379.7
72.5°	345.1	332.3	322.2	314.4	307.9
75°	261.3	259.2	255.6	255.6	248.5
77.5°	192.1	197.0	199.9	199.1	200.6
80°	133.2	143.1	148.9	149.6	148.9
82.5°	84.6	96.0	105.4	106.7	108.3
85°	49.4	58.0	63.8	65.1	63.8
87.5°	22.1	27.8	29.4	30.7	29.4
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)