

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: P1047011

Luminaire Tested: 22PTR-35-PW1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1047011
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-35-PW1-L935-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND WAVES LENS

Light Source:
Ballast/Driver: -

Summary

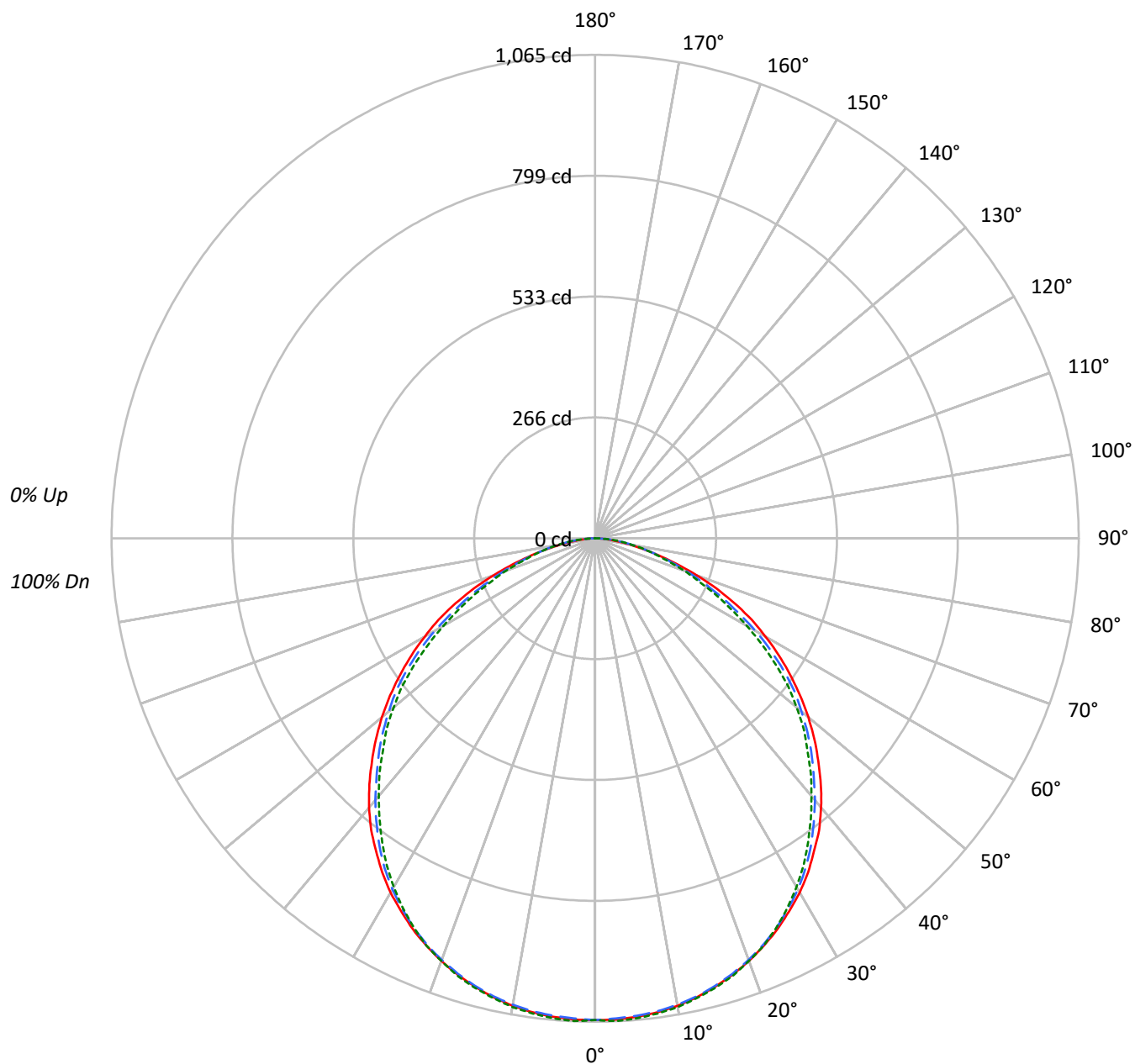
Lumens per Lamp: N/A
Luminaire Lumens: 2816.9 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 26
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°	100.7	3.6
10°-20°	288.7	10.3
20°-30°	436.4	15.5
30°-40°	518.1	18.4
40°-50°	522.0	18.5
50°-60°	451.2	16.0
60°-70°	308.4	10.9
70°-80°	152.1	5.4
80°-90°	39.3	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°	825.7	29.3
0°-40°	1343.9	47.7
0°-60°	2317.1	82.3
0°-90°	2816.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2816.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1061	1061	1061	1061	1061	
5°	1058	1059	1056	1060	1061	101
15°	1023	1024	1021	1025	1025	289
25°	950	949	946	947	946	438
35°	841	838	828	821	818	526
45°	695	687	674	667	661	536
55°	524	522	506	491	486	468
65°	339	326	308	294	292	334
75°	144	142	140	140	136	156
85°	27	32	35	36	35	33
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1061.4	1061.4	1061.4	1061.4	1061.4
2.5°	1061.2	1061.4	1058.7	1063.4	1064.6
5°	1058.3	1058.7	1056.0	1060.3	1061.4
7.5°	1053.3	1054.0	1050.9	1055.2	1056.0
10°	1045.7	1046.2	1043.4	1047.7	1048.6
12.5°	1035.6	1035.9	1033.6	1037.4	1037.4
15°	1022.6	1023.7	1021.0	1024.6	1024.9
17.5°	1008.0	1008.4	1005.7	1009.6	1010.4
20°	990.7	990.7	988.4	991.6	990.7
22.5°	971.4	971.4	968.7	970.3	971.0
25°	950.3	949.4	946.3	947.1	945.5
27.5°	925.8	925.8	920.2	920.2	917.5
30°	901.1	899.1	893.2	889.7	886.9
32.5°	872.7	869.9	862.5	856.2	854.2
35°	840.9	838.1	828.2	820.8	817.6
37.5°	810.2	803.9	790.9	783.5	779.9
40°	774.3	766.5	753.2	742.9	741.3
42.5°	735.9	729.6	712.3	704.7	702.9
45°	695.0	687.4	674.4	666.6	660.7
47.5°	654.8	649.3	634.4	625.0	623.0
50°	612.7	608.0	592.7	582.5	579.0
52.5°	569.1	566.0	552.9	539.9	535.7
55°	523.9	522.4	506.2	491.2	486.1
57.5°	479.5	477.5	457.3	440.0	435.3
60°	433.0	427.2	407.5	391.3	386.2
62.5°	389.0	376.4	355.1	342.6	336.7
65°	338.6	326.4	307.6	294.1	292.3
67.5°	289.1	274.5	260.0	251.7	245.4
70°	237.5	227.7	216.7	209.7	208.5
72.5°	189.5	182.5	176.9	172.6	169.1
75°	143.5	142.3	140.3	140.3	136.5
77.5°	105.5	108.2	109.8	109.3	110.2
80°	73.2	78.6	81.7	82.2	81.7
82.5°	46.4	52.7	57.9	58.6	59.5
85°	27.2	31.9	35.0	35.7	35.0
87.5°	12.1	15.3	16.1	16.9	16.1
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)