

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: P1046758

Luminaire Tested: 22PTR-35-PB1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046758
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-35-PB1-L930-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

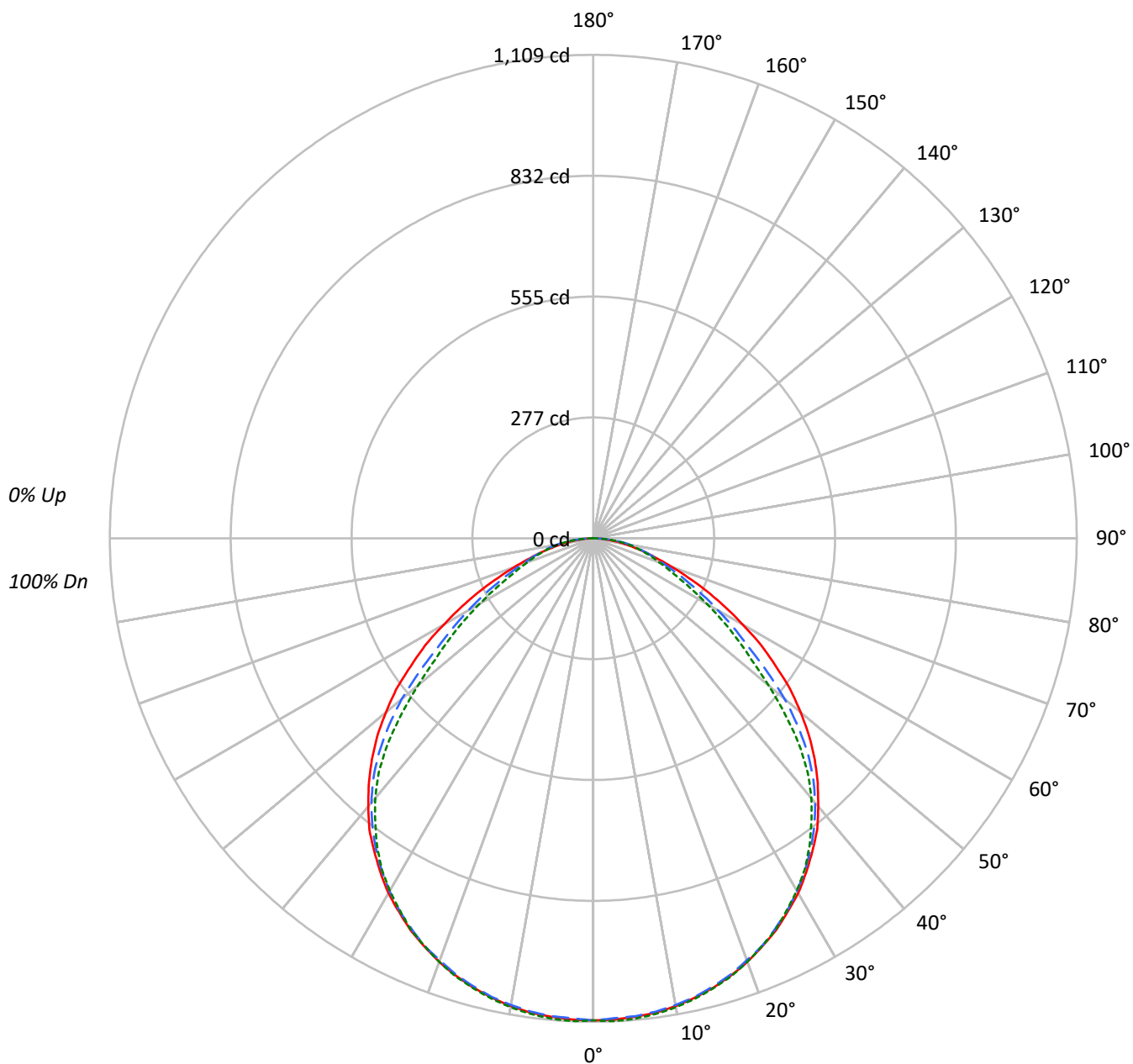
Lumens per Lamp: N/A
Luminaire Lumens: 2758.0 lumens
Efficiency: N/A
Efficacy: 106.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 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	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°	104.9	3.8
10°-20°	300.9	10.9
20°-30°	455.8	16.5
30°-40°	543.2	19.7
40°-50°	531.1	19.3
50°-60°	401.8	14.6
60°-70°	246.8	8.9
70°-80°	131.5	4.8
80°-90°	42.0	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°	861.6	31.2
0°-40°	1404.8	50.9
0°-60°	2337.7	84.8
0°-90°	2758.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2758.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1106	1106	1106	1106	1106	
5°	1102	1103	1101	1105	1106	105
15°	1067	1068	1064	1068	1068	301
25°	992	990	988	989	990	457
35°	876	875	869	865	864	548
45°	718	714	695	672	667	553
55°	510	484	434	410	403	457
65°	287	264	242	223	216	286
75°	122	124	125	121	118	131
85°	27	35	44	41	38	33
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1106.1	1106.1	1106.1	1106.1	1106.1
2.5°	1104.8	1106.1	1101.9	1107.5	1108.8
5°	1101.9	1103.3	1100.6	1104.8	1106.1
7.5°	1097.9	1097.9	1095.2	1099.2	1100.6
10°	1089.8	1089.8	1087.1	1091.1	1092.5
12.5°	1078.9	1078.9	1077.5	1080.2	1081.6
15°	1066.6	1067.9	1063.9	1067.9	1067.9
17.5°	1051.6	1050.4	1048.9	1051.6	1053.1
20°	1033.9	1033.9	1029.9	1032.6	1033.9
22.5°	1013.5	1013.5	1012.2	1013.5	1012.2
25°	991.8	990.4	987.7	989.1	990.4
27.5°	965.9	965.9	963.2	963.2	961.8
30°	940.1	938.7	934.7	931.9	933.2
32.5°	908.8	907.4	903.4	900.7	902.0
35°	876.1	874.8	869.4	865.2	864.0
37.5°	843.5	839.4	832.5	827.1	821.7
40°	802.7	798.5	791.8	779.6	778.1
42.5°	761.8	757.8	746.8	732.0	727.8
45°	718.3	714.3	695.1	672.0	666.6
47.5°	672.0	665.3	635.3	606.7	595.9
50°	620.4	608.2	572.7	536.0	523.7
52.5°	570.0	548.3	502.0	469.3	457.2
55°	510.2	484.3	434.1	409.5	402.6
57.5°	457.2	421.8	380.9	356.5	351.1
60°	395.9	363.2	330.6	308.8	300.7
62.5°	340.1	311.5	284.4	265.2	255.8
65°	287.1	263.9	242.2	223.1	216.4
67.5°	235.4	223.1	205.4	190.5	186.4
70°	191.8	185.0	172.8	166.0	160.5
72.5°	152.4	155.1	147.0	144.3	140.1
75°	122.4	123.8	125.1	121.1	118.4
77.5°	92.6	99.3	104.7	102.0	99.3
80°	69.4	76.1	85.7	81.7	81.7
82.5°	47.6	55.8	64.0	61.3	59.8
85°	27.3	35.4	43.6	40.8	38.1
87.5°	10.9	17.7	19.0	19.0	17.7
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)