

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: P1046716

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

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046716
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-35-L930-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

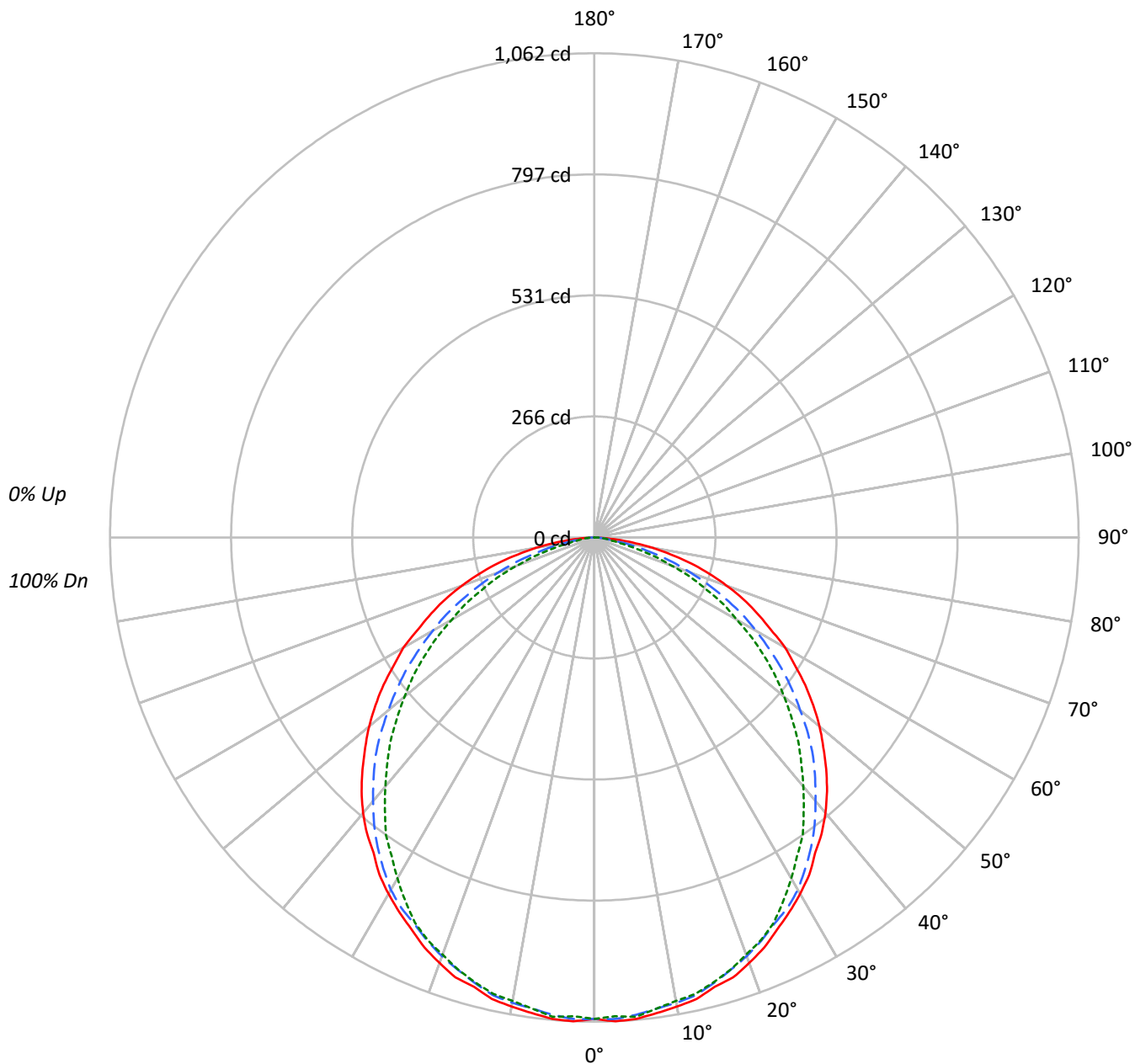
Lumens per Lamp: N/A
Luminaire Lumens: 2812.9 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 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	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°	100.1	3.6
10°-20°	286.4	10.2
20°-30°	432.7	15.4
30°-40°	514.4	18.3
40°-50°	521.7	18.5
50°-60°	453.0	16.1
60°-70°	321.6	11.4
70°-80°	153.7	5.5
80°-90°	29.1	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°	819.2	29.1
0°-40°	1333.6	47.4
0°-60°	2308.4	82.1
0°-90°	2812.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2812.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1056	1056	1056	1056	1056	
5°	1060	1056	1051	1054	1055	101
15°	1020	1023	1012	1011	1010	289
25°	948	947	935	938	932	438
35°	844	843	829	801	797	530
45°	719	713	679	643	632	555
55°	564	547	501	472	455	504
65°	394	365	317	283	272	391
75°	220	179	133	106	94	230
85°	43	23	20	19	18	54
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1056.0	1056.0	1056.0	1056.0	1056.0
2.5°	1062.3	1058.5	1057.3	1061.7	1051.0
5°	1059.8	1056.0	1051.0	1053.5	1055.4
7.5°	1052.2	1049.1	1042.2	1047.8	1042.2
10°	1044.7	1041.5	1036.5	1038.4	1032.1
12.5°	1037.1	1029.6	1028.3	1029.6	1025.2
15°	1020.2	1022.7	1012.0	1010.7	1010.1
17.5°	1012.0	1005.7	994.4	995.0	993.7
20°	993.1	985.6	977.4	976.1	973.6
22.5°	973.6	964.8	957.3	961.0	955.4
25°	948.5	947.2	934.6	938.4	931.5
27.5°	926.4	922.0	916.4	908.2	898.1
30°	902.5	898.1	892.5	871.1	863.6
32.5°	877.4	872.4	861.0	835.9	827.7
35°	844.1	842.8	829.0	800.7	796.9
37.5°	818.9	805.1	793.7	764.8	754.1
40°	788.7	781.2	754.7	727.1	713.2
42.5°	755.4	746.6	716.4	686.8	671.7
45°	718.9	712.6	678.6	642.8	632.1
47.5°	681.2	675.5	635.2	600.6	586.8
50°	644.7	637.8	589.3	556.0	543.4
52.5°	605.1	593.7	545.9	513.2	501.3
55°	564.2	547.2	501.3	471.7	455.4
57.5°	520.8	505.0	454.1	423.3	410.1
60°	483.0	461.0	408.8	377.4	360.4
62.5°	434.6	415.7	366.1	328.9	320.8
65°	394.4	364.8	317.0	283.0	272.3
67.5°	353.5	318.9	270.4	235.9	230.2
70°	308.8	273.0	223.3	189.3	179.9
72.5°	263.5	228.3	179.9	144.0	138.4
75°	219.5	179.3	133.3	105.7	93.7
77.5°	171.7	135.2	93.7	64.8	57.2
80°	127.7	91.2	54.1	38.4	37.7
82.5°	83.7	52.8	28.9	29.6	28.3
85°	42.8	22.6	19.5	18.9	18.2
87.5°	8.2	8.8	9.4	9.4	9.4
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)