

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: P1046842

Luminaire Tested: 22PTR-35-PL1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046842
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737719)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-PL1-L930-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

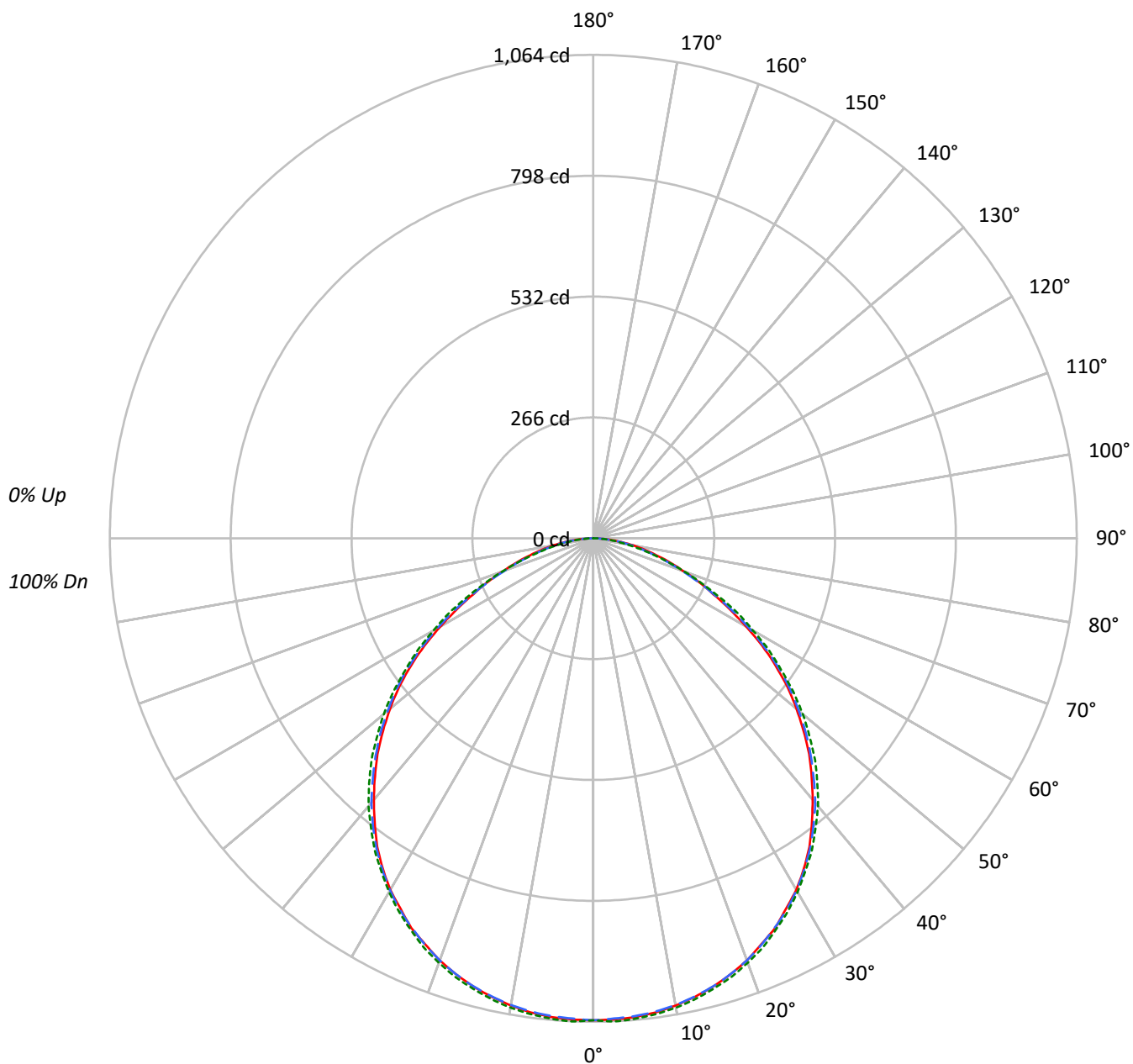
Lumens per Lamp: N/A
Luminaire Lumens: 2796.5 lumens
Efficiency: N/A
Efficacy: 107.6 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	109	105	101	97	107	103	99	96		98	95	93			94	92	90			91
2	100	92	86	80	97	90	84	79		87	82	77			83	79	75			80
3	91	81	73	67	89	80	72	66		77	70	65			74	69	64			71
4	84	72	64	57	82	71	63	57		68	61	56			66	60	55			64
5	77	65	56	49	75	64	55	49		61	54	49			60	53	48			58
6	71	58	50	43	69	57	49	43		56	48	43			54	47	42			52
7	66	53	44	38	65	52	44	38		51	43	38			49	43	38			48
8	62	48	40	34	60	48	40	34		46	39	34			45	39	34			44
9	58	44	36	31	56	44	36	31		43	36	31			42	35	30			41
10	54	41	33	28	53	41	33	28		40	33	28			39	32	28			38

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°	100.6	3.6
10°-20°	288.6	10.3
20°-30°	436.6	15.6
30°-40°	520.4	18.6
40°-50°	523.3	18.7
50°-60°	444.1	15.9
60°-70°	295.7	10.6
70°-80°	147.6	5.3
80°-90°	39.5	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°	825.9	29.5
0°-40°	1346.3	48.1
0°-60°	2313.7	82.7
0°-90°	2796.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2796.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1061	1061	1061	1061	1061	
5°	1058	1058	1056	1060	1062	101
15°	1021	1022	1021	1025	1026	288
25°	947	947	946	950	951	435
35°	829	830	832	838	839	517
45°	672	673	677	686	690	517
55°	491	494	498	503	504	437
65°	291	294	294	299	306	292
75°	144	142	136	132	133	154
85°	37	37	34	32	29	43
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1060.9	1060.9	1060.9	1060.9	1060.9
2.5°	1060.1	1060.9	1058.1	1063.2	1064.5
5°	1057.8	1058.1	1055.8	1060.5	1061.6
7.5°	1052.6	1053.1	1050.6	1055.8	1056.5
10°	1044.3	1045.2	1043.2	1047.9	1049.1
12.5°	1033.8	1034.9	1032.9	1038.1	1038.9
15°	1021.2	1022.3	1020.8	1025.1	1025.9
17.5°	1005.8	1006.6	1005.8	1009.8	1012.1
20°	988.5	988.5	988.5	992.1	994.1
22.5°	966.9	968.9	968.1	972.8	974.8
25°	946.9	946.9	945.6	950.1	950.8
27.5°	918.9	922.1	921.8	925.7	926.5
30°	893.4	894.2	894.7	897.4	898.9
32.5°	862.4	863.1	864.4	868.2	868.7
35°	829.0	829.8	832.1	838.0	838.8
37.5°	790.1	794.4	796.4	802.7	803.4
40°	751.1	753.8	759.8	766.4	769.5
42.5°	711.4	714.6	718.1	727.1	730.0
45°	671.7	672.9	677.3	686.3	690.3
47.5°	627.7	631.3	635.1	643.0	645.4
50°	583.7	587.6	590.0	597.0	601.7
52.5°	539.3	542.9	545.6	549.9	554.6
55°	490.6	494.0	498.5	503.2	504.3
57.5°	441.0	444.9	447.8	452.8	457.9
60°	387.9	392.3	396.2	400.9	406.1
62.5°	338.5	340.4	344.4	352.2	359.6
65°	291.2	293.6	294.4	298.8	306.2
67.5°	251.9	251.9	248.4	249.9	258.2
70°	210.7	209.1	206.4	204.8	211.5
72.5°	177.2	175.2	169.4	166.7	170.2
75°	143.8	141.8	135.5	132.4	132.8
77.5°	115.5	112.4	107.3	101.8	100.7
80°	87.7	86.4	81.4	76.3	72.3
82.5°	62.1	59.4	56.6	53.4	50.3
85°	37.3	36.6	33.8	31.9	29.1
87.5°	15.3	15.3	14.6	13.7	13.0
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)