

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: P1046843

Luminaire Tested: 22PTR-35-PL1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046843
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-L935-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

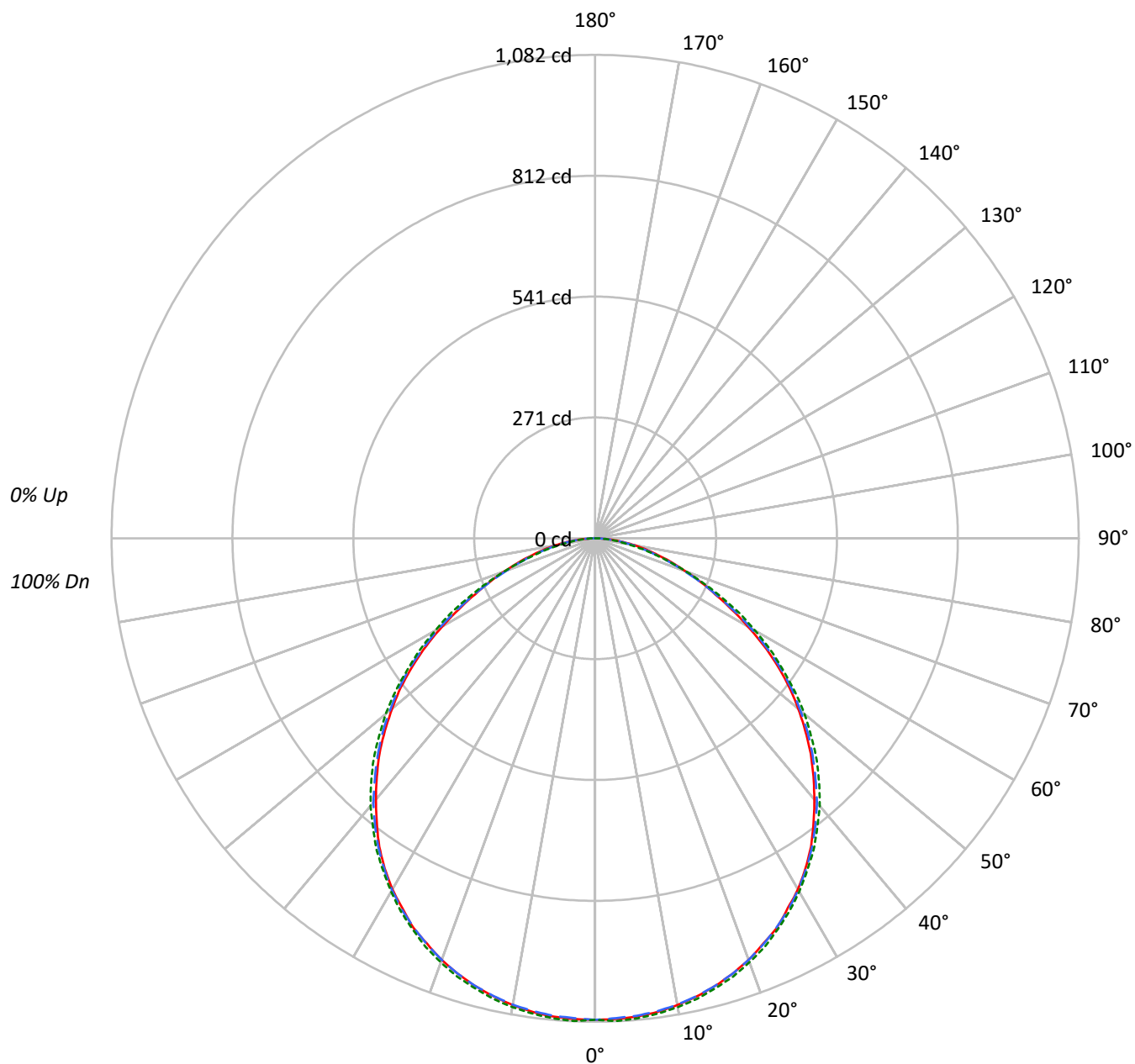
Lumens per Lamp: N/A
Luminaire Lumens: 2841.1 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 26
Input Voltage (V): 120
Input Current (A_{in}): 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°	102.2	3.6
10°-20°	293.2	10.3
20°-30°	443.5	15.6
30°-40°	528.7	18.6
40°-50°	531.6	18.7
50°-60°	451.2	15.9
60°-70°	300.4	10.6
70°-80°	150.0	5.3
80°-90°	40.1	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°	839.0	29.5
0°-40°	1367.7	48.1
0°-60°	2350.6	82.7
0°-90°	2841.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2841.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1078	1078	1078	1078	1078	
5°	1075	1075	1073	1077	1079	102
15°	1038	1039	1037	1041	1042	293
25°	962	962	961	965	966	442
35°	842	843	845	851	852	525
45°	682	684	688	697	701	525
55°	498	502	506	511	512	444
65°	296	298	299	304	311	297
75°	146	144	138	134	135	157
85°	38	37	34	32	30	44
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1077.8	1077.8	1077.8	1077.8	1077.8
2.5°	1077.0	1077.8	1074.9	1080.2	1081.5
5°	1074.6	1074.9	1072.6	1077.4	1078.6
7.5°	1069.4	1069.9	1067.4	1072.6	1073.3
10°	1061.0	1061.9	1059.8	1064.6	1065.8
12.5°	1050.3	1051.4	1049.4	1054.6	1055.5
15°	1037.5	1038.7	1037.1	1041.4	1042.3
17.5°	1021.8	1022.7	1021.8	1025.9	1028.2
20°	1004.3	1004.3	1004.3	1007.9	1009.9
22.5°	982.4	984.4	983.5	988.3	990.3
25°	962.0	962.0	960.7	965.2	966.0
27.5°	933.6	936.8	936.5	940.4	941.3
30°	907.6	908.5	908.9	911.7	913.3
32.5°	876.1	876.9	878.2	882.1	882.5
35°	842.2	843.1	845.4	851.3	852.2
37.5°	802.7	807.1	809.1	815.5	816.2
40°	763.1	765.9	772.0	778.6	781.8
42.5°	722.8	726.0	729.6	738.7	741.6
45°	682.4	683.6	688.1	697.2	701.3
47.5°	637.7	641.4	645.3	653.3	655.7
50°	593.0	597.0	599.4	606.5	611.3
52.5°	547.9	551.5	554.3	558.7	563.4
55°	498.4	501.9	506.4	511.2	512.4
57.5°	448.1	452.0	454.9	460.0	465.2
60°	394.1	398.6	402.5	407.3	412.5
62.5°	343.9	345.8	349.8	357.8	365.4
65°	295.9	298.3	299.1	303.6	311.1
67.5°	256.0	256.0	252.3	253.9	262.3
70°	214.0	212.4	209.7	208.1	214.9
72.5°	180.1	178.0	172.1	169.3	173.0
75°	146.1	144.1	137.7	134.5	134.9
77.5°	117.4	114.2	109.0	103.5	102.3
80°	89.1	87.8	82.7	77.5	73.4
82.5°	63.1	60.4	57.5	54.3	51.1
85°	37.9	37.1	34.4	32.4	29.6
87.5°	15.5	15.5	14.8	13.9	13.2
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°

(END OF REPORT)