

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: P1046871

Luminaire Tested: 22PTR-25-PLG-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046871
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-224-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-25-PLG-L935-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

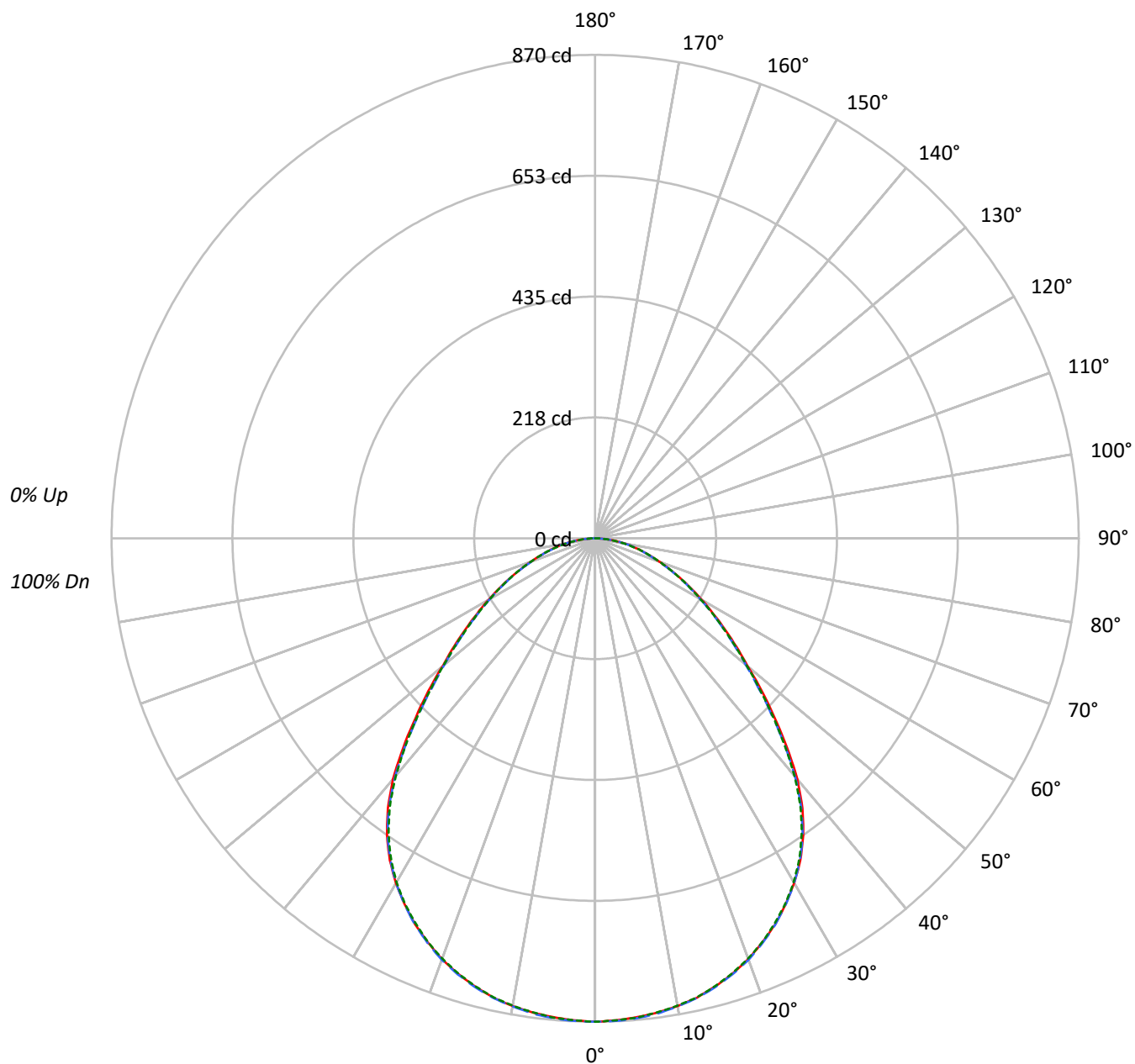
Lumens per Lamp: N/A
Luminaire Lumens: 1960.7 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 19
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	110	106	102	98	107	103	100	97		99	96	94			95	93	91			92
2	101	94	87	82	99	92	86	81		88	84	79			85	81	78			82
3	93	83	76	70	91	82	75	69		79	73	68			76	71	67			74
4	86	75	67	60	84	73	66	60		71	64	59			69	63	58			67
5	79	67	59	53	77	66	58	53		64	57	52			62	56	51			61
6	74	61	53	47	72	60	52	47		58	51	46			57	51	46			55
7	69	56	48	42	67	55	47	42		54	46	41			52	46	41			51
8	64	51	43	38	62	51	43	38		49	42	37			48	42	37			47
9	60	47	39	34	59	47	39	34		46	39	34			44	38	34			43
10	56	44	36	31	55	43	36	31		42	36	31			41	35	31			40

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°	82.4	4.2
10°-20°	235.7	12.0
20°-30°	352.7	18.0
30°-40°	404.1	20.6
40°-50°	349.5	17.8
50°-60°	252.9	12.9
60°-70°	166.6	8.5
70°-80°	90.7	4.6
80°-90°	26.0	1.3
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°	670.8	34.2
0°-40°	1074.9	54.8
0°-60°	1677.4	85.6
0°-90°	1960.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1960.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	870	870	870	870	870	
5°	865	867	867	867	866	82
15°	835	836	836	837	834	236
25°	766	766	767	768	764	352
35°	653	652	651	650	648	406
45°	456	455	449	448	451	353
55°	284	283	280	278	280	256
65°	168	169	167	166	167	168
75°	86	86	85	85	86	91
85°	23	23	23	24	20	26
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	870.1	870.1	870.1	870.1	870.1
2.5°	868.3	870.1	869.5	870.1	868.3
5°	865.2	867.1	867.1	867.1	865.8
7.5°	860.9	862.1	862.7	863.4	860.3
10°	854.7	855.9	855.3	856.6	854.1
12.5°	846.7	846.7	847.3	848.5	846.1
15°	834.9	835.6	836.2	837.4	834.3
17.5°	821.4	822.0	822.6	823.2	820.7
20°	805.9	805.9	807.2	807.8	804.7
22.5°	786.8	786.8	788.0	789.9	786.2
25°	766.4	766.4	767.0	767.6	764.5
27.5°	742.3	742.3	742.9	744.8	741.1
30°	716.4	715.8	716.4	717.0	714.5
32.5°	687.3	686.7	686.1	686.7	683.6
35°	652.8	652.1	650.9	650.3	647.8
37.5°	612.6	611.4	608.9	608.9	606.4
40°	565.7	562.6	559.5	558.3	557.7
42.5°	511.3	508.9	504.5	503.9	503.9
45°	456.4	455.1	449.0	448.4	450.8
47.5°	407.0	403.9	398.3	397.1	400.8
50°	358.2	358.8	353.9	352.0	355.7
52.5°	319.9	318.7	314.3	313.1	316.2
55°	284.1	282.8	279.8	277.9	280.4
57.5°	251.3	250.7	247.6	247.0	248.3
60°	221.7	221.1	218.6	218.0	218.6
62.5°	193.9	193.9	191.4	190.2	192.1
65°	168.0	169.2	166.7	165.5	167.4
67.5°	144.5	145.7	143.3	142.0	144.5
70°	122.3	123.5	121.0	119.8	122.3
72.5°	103.1	103.8	101.9	101.3	104.4
75°	85.8	85.8	84.6	84.6	85.8
77.5°	69.8	69.2	68.5	68.5	67.3
80°	53.7	53.1	53.1	53.1	51.3
82.5°	38.3	37.1	37.7	38.3	35.2
85°	22.8	22.8	22.8	23.5	20.4
87.5°	9.3	9.3	8.6	9.3	8.0
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)