

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: P1046829

Luminaire Tested: 22PTR-25-PL1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046829
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-25-PL1-L935-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

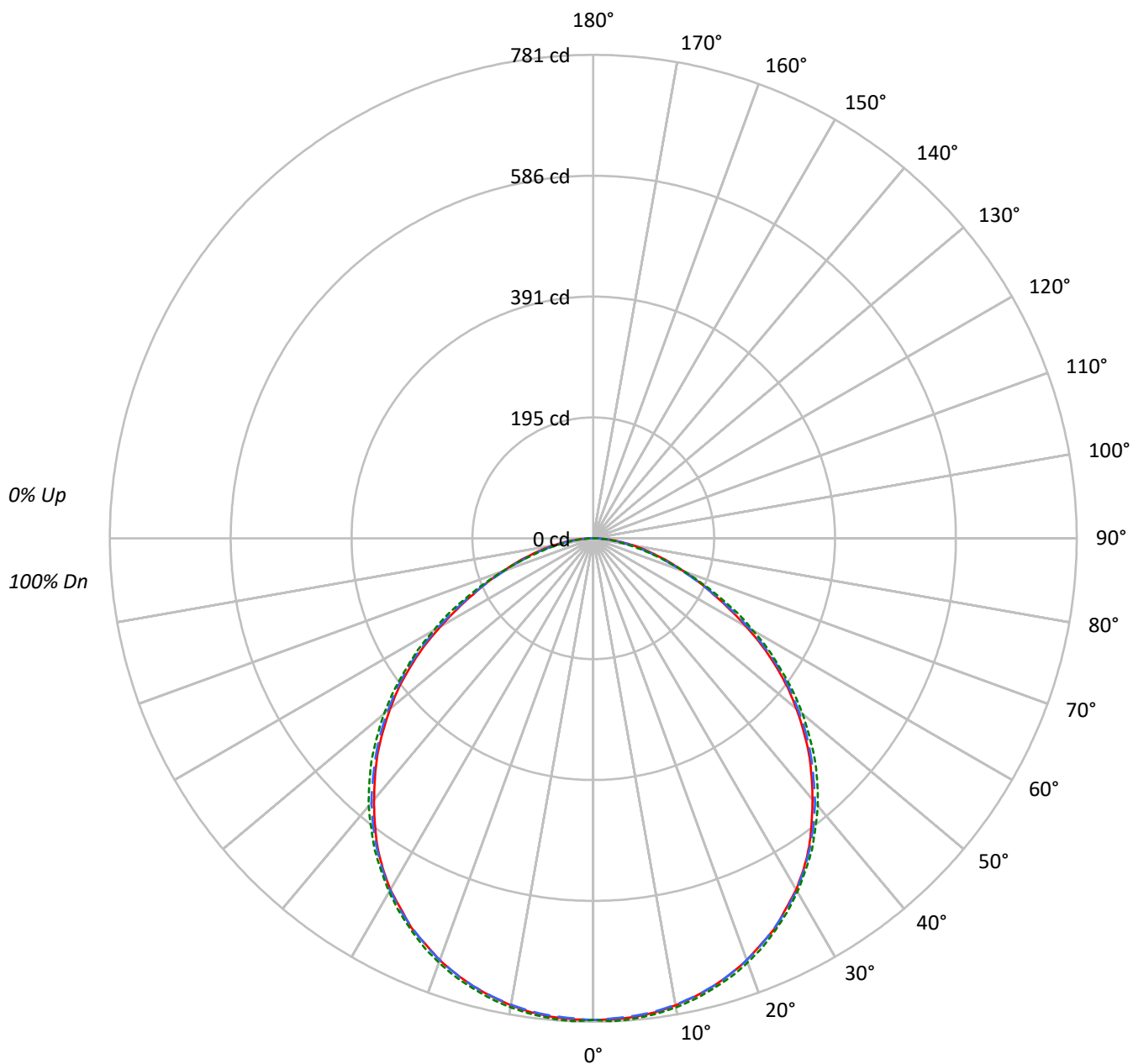
Lumens per Lamp: N/A
Luminaire Lumens: 2051.5 lumens
Efficiency: N/A
Efficacy: 108.0 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 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	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	94	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72		
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61		
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	55	52		
5	77	65	56	49	75	64	55	49	61	54	49	60	53	48	58	52	48	46		
6	71	58	50	43	69	57	49	43	56	48	43	54	47	42	52	47	42	40		
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35		
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32		
9	58	44	36	31	56	44	36	31	43	36	31	42	35	30	41	35	30	29		
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	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°	73.8	3.6
10°-20°	211.7	10.3
20°-30°	320.3	15.6
30°-40°	381.8	18.6
40°-50°	383.9	18.7
50°-60°	325.8	15.9
60°-70°	216.9	10.6
70°-80°	108.3	5.3
80°-90°	29.0	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°	605.9	29.5
0°-40°	987.6	48.1
0°-60°	1697.3	82.7
0°-90°	2051.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2051.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	778	778	778	778	778	
5°	776	776	774	778	779	74
15°	749	750	749	752	753	211
25°	695	695	694	697	698	319
35°	608	609	610	615	615	379
45°	493	494	497	504	506	379
55°	360	362	366	369	370	321
65°	214	215	216	219	225	214
75°	106	104	99	97	97	113
85°	27	27	25	23	21	32
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	778.3	778.3	778.3	778.3	778.3
2.5°	777.7	778.3	776.2	780.0	780.9
5°	776.0	776.2	774.5	778.0	778.8
7.5°	772.2	772.5	770.8	774.5	775.0
10°	766.1	766.8	765.3	768.8	769.6
12.5°	758.4	759.2	757.8	761.5	762.2
15°	749.2	750.0	748.9	752.0	752.6
17.5°	737.9	738.5	737.9	740.8	742.5
20°	725.2	725.2	725.2	727.8	729.3
22.5°	709.4	710.8	710.2	713.6	715.1
25°	694.7	694.7	693.7	697.0	697.5
27.5°	674.1	676.5	676.2	679.1	679.7
30°	655.4	656.0	656.3	658.3	659.5
32.5°	632.7	633.2	634.1	636.9	637.3
35°	608.1	608.8	610.4	614.7	615.4
37.5°	579.6	582.8	584.2	588.9	589.4
40°	551.0	553.0	557.4	562.2	564.5
42.5°	521.9	524.2	526.8	533.4	535.5
45°	492.8	493.6	496.9	503.5	506.4
47.5°	460.5	463.1	466.0	471.7	473.5
50°	428.2	431.1	432.8	438.0	441.4
52.5°	395.6	398.3	400.3	403.4	406.9
55°	359.9	362.4	365.7	369.1	370.0
57.5°	323.6	326.4	328.5	332.1	335.9
60°	284.6	287.8	290.7	294.1	297.9
62.5°	248.3	249.7	252.6	258.4	263.8
65°	213.6	215.4	215.9	219.2	224.6
67.5°	184.8	184.8	182.2	183.4	189.4
70°	154.5	153.4	151.4	150.3	155.2
72.5°	130.0	128.6	124.3	122.3	124.9
75°	105.5	104.0	99.4	97.1	97.4
77.5°	84.8	82.5	78.7	74.7	73.9
80°	64.3	63.4	59.7	56.0	53.0
82.5°	45.6	43.6	41.5	39.2	36.9
85°	27.3	26.8	24.8	23.4	21.4
87.5°	11.2	11.2	10.7	10.1	9.5
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)