

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: P1046703

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

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046703
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-25-L935-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

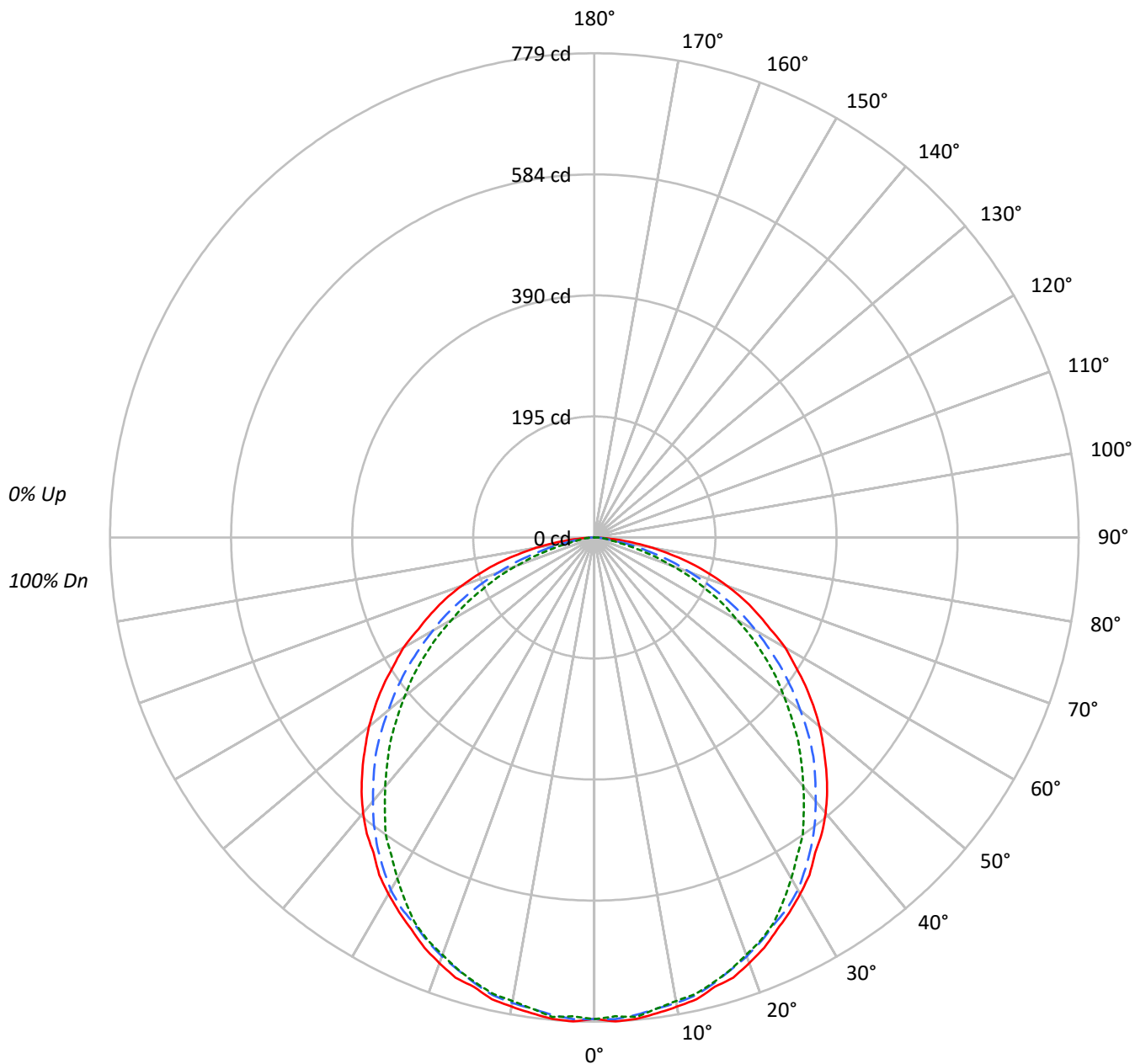
Lumens per Lamp: N/A
Luminaire Lumens: 2063.9 lumens
Efficiency: N/A
Efficacy: 108.6 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 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	109	105	101	97	107	103	99	96		98	95	93			95	92	90			91
2	100	92	85	80	97	90	84	79		87	81	77			83	79	75			80
3	91	81	73	67	89	79	72	66		76	70	65			74	68	64			71
4	84	72	63	57	81	71	63	56		68	61	56			66	60	55			64
5	77	64	56	49	75	63	55	49		61	54	48			59	53	48			57
6	71	58	49	43	69	57	49	43		55	48	42			54	47	42			52
7	66	53	44	38	64	52	44	38		50	43	38			49	42	37			48
8	61	48	40	34	60	47	39	34		46	39	34			45	38	33			44
9	57	44	36	31	56	44	36	30		42	35	30			41	35	30			40
10	54	41	33	28	53	40	33	28		39	32	28			38	32	27			37

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°	73.4	3.6
10°-20°	210.2	10.2
20°-30°	317.5	15.4
30°-40°	377.5	18.3
40°-50°	382.8	18.5
50°-60°	332.4	16.1
60°-70°	236.0	11.4
70°-80°	112.8	5.5
80°-90°	21.4	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°	601.1	29.1
0°-40°	978.5	47.4
0°-60°	1693.8	82.1
0°-90°	2063.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2063.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	775	775	775	775	775	
5°	778	775	771	773	774	74
15°	748	750	742	742	741	212
25°	696	695	686	688	684	321
35°	619	618	608	588	585	389
45°	528	523	498	472	464	407
55°	414	402	368	346	334	370
65°	289	268	233	208	200	287
75°	161	132	98	78	69	169
85°	31	17	14	14	13	40
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	774.8	774.8	774.8	774.8	774.8
2.5°	779.4	776.7	775.8	779.0	771.1
5°	777.6	774.8	771.1	773.0	774.4
7.5°	772.1	769.8	764.7	768.8	764.7
10°	766.5	764.2	760.5	761.9	757.3
12.5°	761.0	755.4	754.5	755.4	752.2
15°	748.5	750.4	742.5	741.6	741.1
17.5°	742.5	737.9	729.6	730.1	729.1
20°	728.7	723.1	717.1	716.2	714.4
22.5°	714.4	707.9	702.4	705.1	701.0
25°	695.9	695.0	685.8	688.5	683.5
27.5°	679.8	676.5	672.4	666.4	659.0
30°	662.2	659.0	654.8	639.2	633.6
32.5°	643.8	640.1	631.8	613.3	607.3
35°	619.3	618.4	608.2	587.5	584.7
37.5°	600.9	590.7	582.4	561.2	553.3
40°	578.7	573.2	553.8	533.5	523.3
42.5°	554.2	547.8	525.6	503.9	492.9
45°	527.5	522.9	497.9	471.6	463.8
47.5°	499.8	495.6	466.1	440.7	430.6
50°	473.0	467.9	432.4	408.0	398.7
52.5°	443.9	435.6	400.6	376.6	367.8
55°	413.9	401.5	367.8	346.1	334.1
57.5°	382.1	370.6	333.2	310.6	300.9
60°	354.4	338.3	300.0	276.9	264.4
62.5°	318.9	305.0	268.6	241.4	235.4
65°	289.3	267.7	232.6	207.7	199.8
67.5°	259.4	234.0	198.4	173.1	168.9
70°	226.6	200.3	163.8	138.9	132.0
72.5°	193.4	167.5	132.0	105.7	101.5
75°	161.1	131.5	97.8	77.5	68.8
77.5°	126.0	99.2	68.8	47.5	42.0
80°	93.7	66.9	39.7	28.2	27.7
82.5°	61.4	38.8	21.2	21.7	20.8
85°	31.4	16.6	14.3	13.8	13.4
87.5°	6.0	6.5	6.9	6.9	6.9
90°	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)