

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: P1046912

Luminaire Tested: 22PTR-20-PP3-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046912
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-20-PP3-L935-UNV-STD-W
Description: 2000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

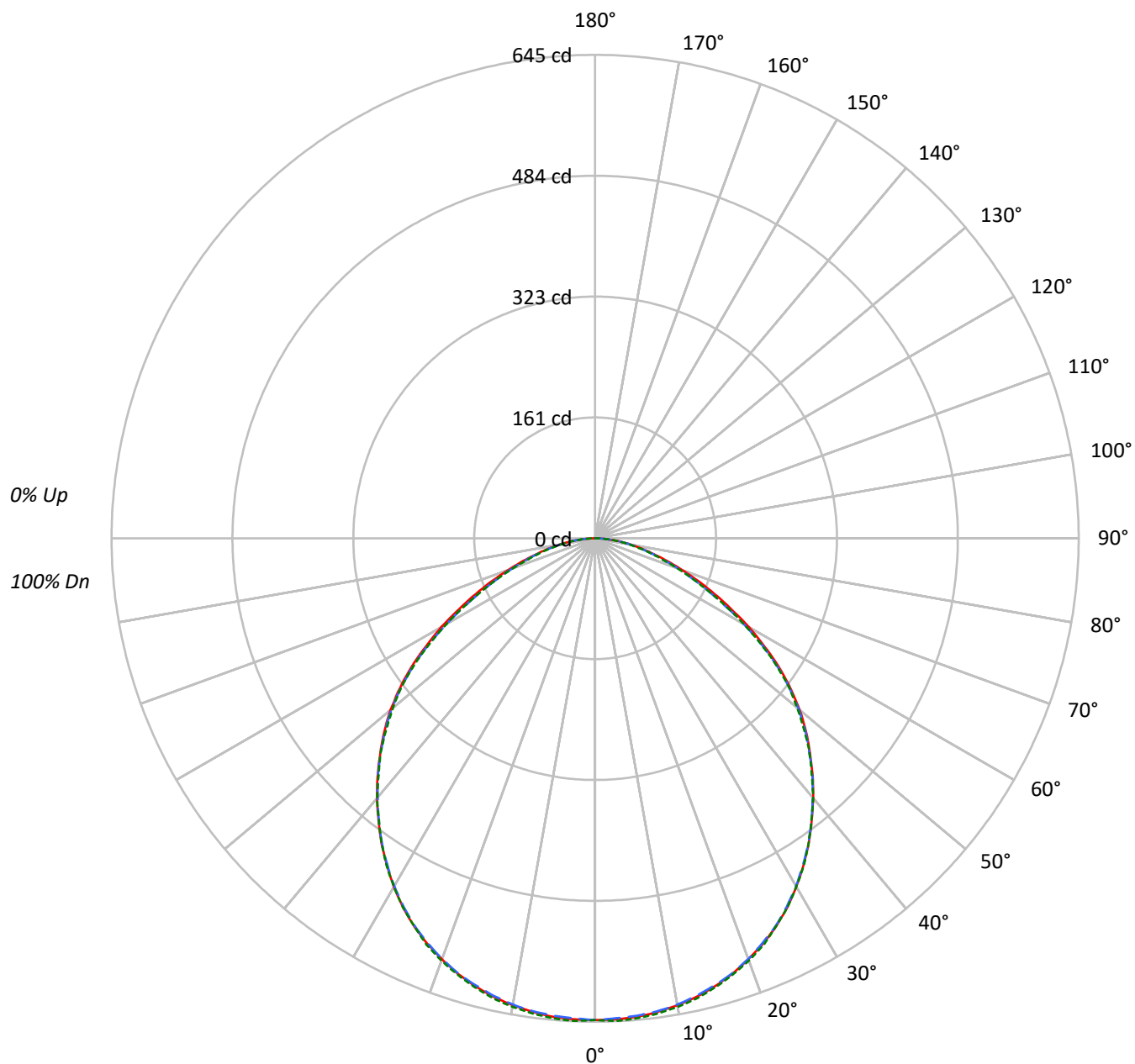
Lumens per Lamp: N/A
Luminaire Lumens: 1660.6 lumens
Efficiency: N/A
Efficacy: 110.7 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 15
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	99	96	93	95	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72		
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61		
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53		
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46		
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40		
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36		
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32		
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	29		
10	54	41	34	28	53	41	33	28	40	33	28	39	33	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°	61.0	3.7
10°-20°	174.6	10.5
20°-30°	262.9	15.8
30°-40°	310.3	18.7
40°-50°	312.0	18.8
50°-60°	263.4	15.9
60°-70°	169.2	10.2
70°-80°	84.1	5.1
80°-90°	23.1	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°	498.5	30.0
0°-40°	808.7	48.7
0°-60°	1384.2	83.4
0°-90°	1660.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1660.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	643	643	643	643	643	
5°	641	641	639	642	643	61
15°	618	619	617	620	620	174
25°	571	572	570	572	571	263
35°	497	497	496	496	496	310
45°	405	407	404	404	404	313
55°	299	299	296	294	295	266
65°	176	173	167	165	167	175
75°	80	80	78	77	76	87
85°	20	20	20	19	19	23
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	642.7	642.7	642.7	642.7	642.7
2.5°	642.5	642.7	641.0	644.1	644.6
5°	640.9	641.0	639.4	642.5	642.9
7.5°	637.6	637.8	636.4	639.2	639.7
10°	632.6	633.4	631.7	634.3	634.8
12.5°	626.6	626.9	625.2	628.2	628.7
15°	618.5	618.6	617.3	620.1	620.1
17.5°	609.1	609.3	608.4	610.8	610.5
20°	597.7	598.4	597.2	598.8	599.7
22.5°	585.3	585.6	584.1	586.3	587.2
25°	571.3	571.5	570.4	571.5	571.1
27.5°	555.0	555.4	553.8	555.0	555.2
30°	536.8	537.9	535.7	536.6	536.8
32.5°	517.2	517.9	516.2	516.5	517.7
35°	496.7	496.9	496.0	496.4	496.4
37.5°	474.5	475.5	474.0	474.7	473.8
40°	452.6	451.7	451.1	451.7	452.3
42.5°	429.4	429.7	429.0	428.5	427.4
45°	405.2	406.6	404.0	404.5	404.5
47.5°	381.5	381.6	380.3	378.8	377.9
50°	356.0	356.0	354.3	353.2	351.8
52.5°	328.2	327.8	325.9	324.8	325.4
55°	299.1	298.8	295.6	294.4	294.7
57.5°	267.1	267.6	262.7	261.5	261.5
60°	236.6	234.2	228.6	227.0	229.0
62.5°	204.5	201.8	195.7	195.7	197.3
65°	175.6	173.1	166.8	165.1	166.6
67.5°	148.6	146.2	140.5	139.5	140.0
70°	122.9	120.9	117.3	115.2	116.0
72.5°	100.8	98.9	96.6	94.9	94.0
75°	80.4	80.0	77.5	76.7	75.8
77.5°	63.7	63.5	61.4	60.4	59.5
80°	47.8	47.6	47.1	45.7	45.0
82.5°	34.1	34.1	33.8	32.6	32.0
85°	19.8	20.5	20.5	19.3	19.3
87.5°	8.0	8.4	8.0	8.0	7.7
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)