

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: P1046787

Luminaire Tested: 22PTR-25-PC3-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046787
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-25-PC3-L935-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

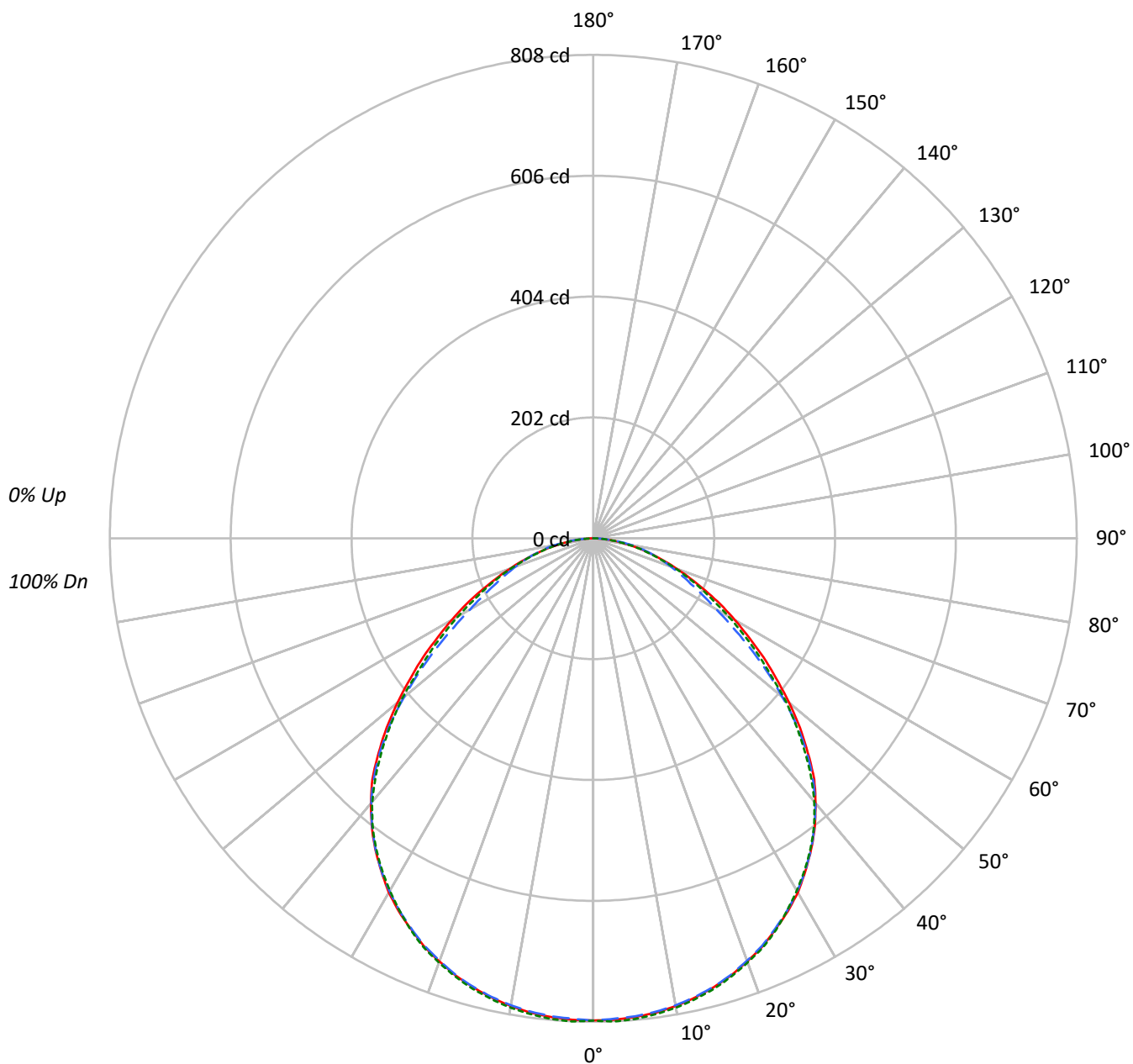
Lumens per Lamp: N/A
Luminaire Lumens: 2032.2 lumens
Efficiency: N/A
Efficacy: 107.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72		
3	92	82	74	68	90	80	73	68	77	71	66	75	70	65	72	68	64	62		
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54		
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47		
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41		
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37		
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33		
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30		
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27		

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°	76.5	3.8
10°-20°	219.4	10.8
20°-30°	332.2	16.3
30°-40°	396.1	19.5
40°-50°	387.0	19.0
50°-60°	296.0	14.6
60°-70°	190.0	9.4
70°-80°	105.7	5.2
80°-90°	29.2	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°	628.1	30.9
0°-40°	1024.2	50.4
0°-60°	1707.2	84.0
0°-90°	2032.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2032.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	806	806	806	806	806	
5°	803	804	802	806	806	76
15°	777	778	776	779	780	219
25°	721	722	720	722	722	332
35°	635	635	634	634	633	397
45°	507	509	504	502	498	390
55°	348	336	320	324	334	311
65°	206	190	180	186	198	206
75°	99	100	101	100	97	106
85°	22	25	26	25	22	27
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	806.0	806.0	806.0	806.0	806.0
2.5°	805.5	805.8	803.7	807.2	808.4
5°	803.2	803.7	801.8	805.5	806.4
7.5°	799.8	800.3	798.3	802.1	802.4
10°	794.0	794.3	792.5	796.3	796.8
12.5°	786.3	787.1	785.1	788.6	788.8
15°	776.9	777.6	776.1	778.7	779.5
17.5°	766.0	766.3	764.9	767.7	768.0
20°	752.4	752.4	751.3	754.5	754.5
22.5°	738.6	737.8	737.4	738.6	740.4
25°	720.8	721.6	719.6	721.9	722.5
27.5°	703.5	703.5	701.7	702.9	701.4
30°	683.6	682.4	681.3	681.5	680.1
32.5°	659.6	659.6	659.1	659.1	657.3
35°	634.9	635.4	634.3	633.9	633.1
37.5°	608.3	609.2	607.1	606.6	606.0
40°	578.0	578.0	577.2	576.0	574.6
42.5°	546.6	546.6	542.9	540.0	538.0
45°	507.4	508.6	503.6	502.5	498.5
47.5°	468.4	467.6	461.0	460.2	457.9
50°	427.0	422.0	412.6	415.1	417.2
52.5°	385.5	379.4	365.6	368.4	371.9
55°	347.7	335.6	319.5	323.5	333.8
57.5°	308.2	292.0	275.9	283.5	296.3
60°	273.3	255.2	237.6	245.6	260.6
62.5°	239.9	220.6	206.5	214.2	226.9
65°	206.5	190.5	179.6	185.6	198.1
67.5°	175.9	165.2	157.8	160.6	170.6
70°	148.2	141.5	137.5	138.4	144.1
72.5°	121.9	120.3	118.8	118.8	119.3
75°	99.2	100.0	100.9	99.5	97.2
77.5°	78.1	81.0	83.1	80.1	77.3
80°	57.4	62.0	64.6	61.4	57.1
82.5°	39.2	44.4	45.3	43.3	38.3
85°	21.6	25.3	25.7	24.8	21.6
87.5°	8.1	9.5	10.4	9.5	8.4
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)