

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: P1046955

Luminaire Tested: 22PTR-25-PR1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046955
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-25-PR1-L935-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

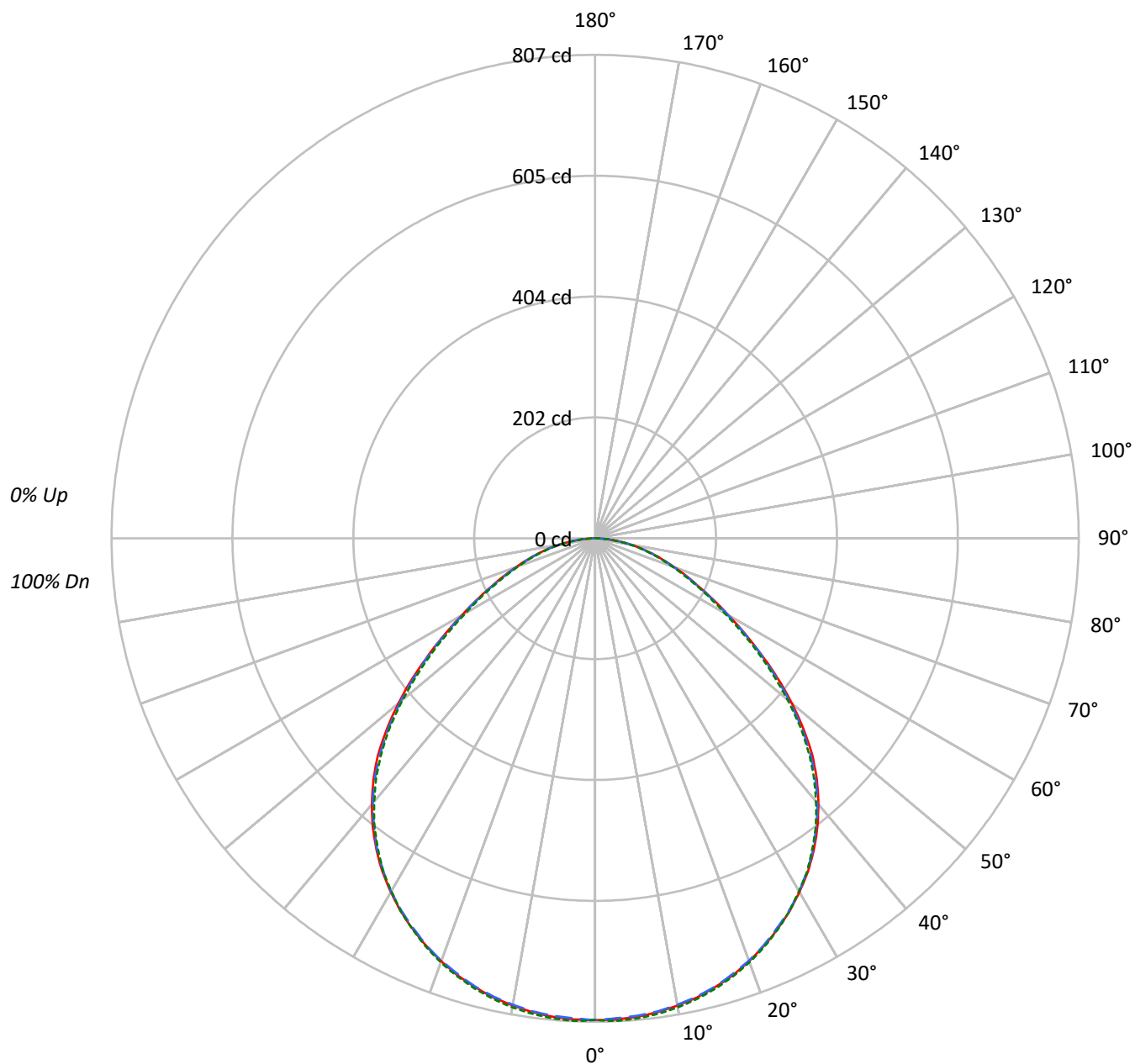
Lumens per Lamp: N/A
Luminaire Lumens: 2034.1 lumens
Efficiency: N/A
Efficacy: 107.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 19
Input Voltage (V): 120
Input Current (A_{in}): 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	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	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	45	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	39	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°	76.3	3.8
10°-20°	219.0	10.8
20°-30°	331.8	16.3
30°-40°	396.0	19.5
40°-50°	389.5	19.1
50°-60°	301.0	14.8
60°-70°	189.8	9.3
70°-80°	102.7	5.0
80°-90°	28.0	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°	627.0	30.8
0°-40°	1023.1	50.3
0°-60°	1713.6	84.2
0°-90°	2034.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2034.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	804	804	804	804	804	
5°	802	802	800	804	805	76
15°	776	776	774	777	778	219
25°	720	720	718	720	721	332
35°	636	636	634	634	632	397
45°	513	511	507	503	503	393
55°	339	342	337	332	331	304
65°	191	192	190	187	186	192
75°	98	97	96	97	94	104
85°	24	24	24	24	23	28
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	804.3	804.3	804.3	804.3	804.3
2.5°	804.0	804.3	802.0	805.8	806.6
5°	802.0	802.3	800.2	803.7	804.6
7.5°	797.9	798.5	796.6	800.0	800.9
10°	792.2	792.8	790.8	794.3	795.1
12.5°	785.0	785.2	783.6	786.7	787.6
15°	775.5	775.7	774.4	776.9	778.0
17.5°	764.5	764.8	762.8	766.0	766.5
20°	751.3	751.5	750.4	753.0	753.3
22.5°	736.5	737.2	735.4	737.7	738.0
25°	719.9	720.4	718.1	720.4	720.7
27.5°	702.3	702.5	700.5	702.3	702.0
30°	681.8	683.5	680.9	680.3	680.1
32.5°	660.5	660.7	658.2	657.6	658.7
35°	636.0	636.2	634.5	633.7	631.9
37.5°	609.2	609.2	605.9	605.4	605.1
40°	579.7	579.4	577.4	575.4	573.4
42.5°	547.7	548.3	544.2	540.8	540.3
45°	512.8	510.8	507.1	503.1	503.4
47.5°	471.7	472.2	467.0	463.8	463.0
50°	428.9	428.9	424.1	420.6	418.9
52.5°	384.3	384.6	380.0	375.4	374.5
55°	338.7	341.6	337.3	331.8	330.7
57.5°	296.1	298.4	294.3	288.6	288.2
60°	256.6	256.8	255.7	250.2	248.8
62.5°	222.9	221.4	220.8	218.0	216.2
65°	191.2	191.5	190.0	186.8	186.2
67.5°	165.5	165.2	162.6	160.6	159.4
70°	140.4	139.5	138.4	136.7	135.5
72.5°	117.9	117.9	117.0	116.5	114.5
75°	98.4	97.2	96.0	96.6	94.3
77.5°	79.6	78.5	77.5	76.4	75.8
80°	60.2	59.1	59.4	57.6	57.4
82.5°	41.8	41.8	41.3	39.8	40.1
85°	23.9	24.2	23.7	23.9	22.7
87.5°	8.7	8.9	9.5	8.9	8.9
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)