

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: P1046824

Luminaire Tested: 22PTR-25-PL1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046824
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-L930-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

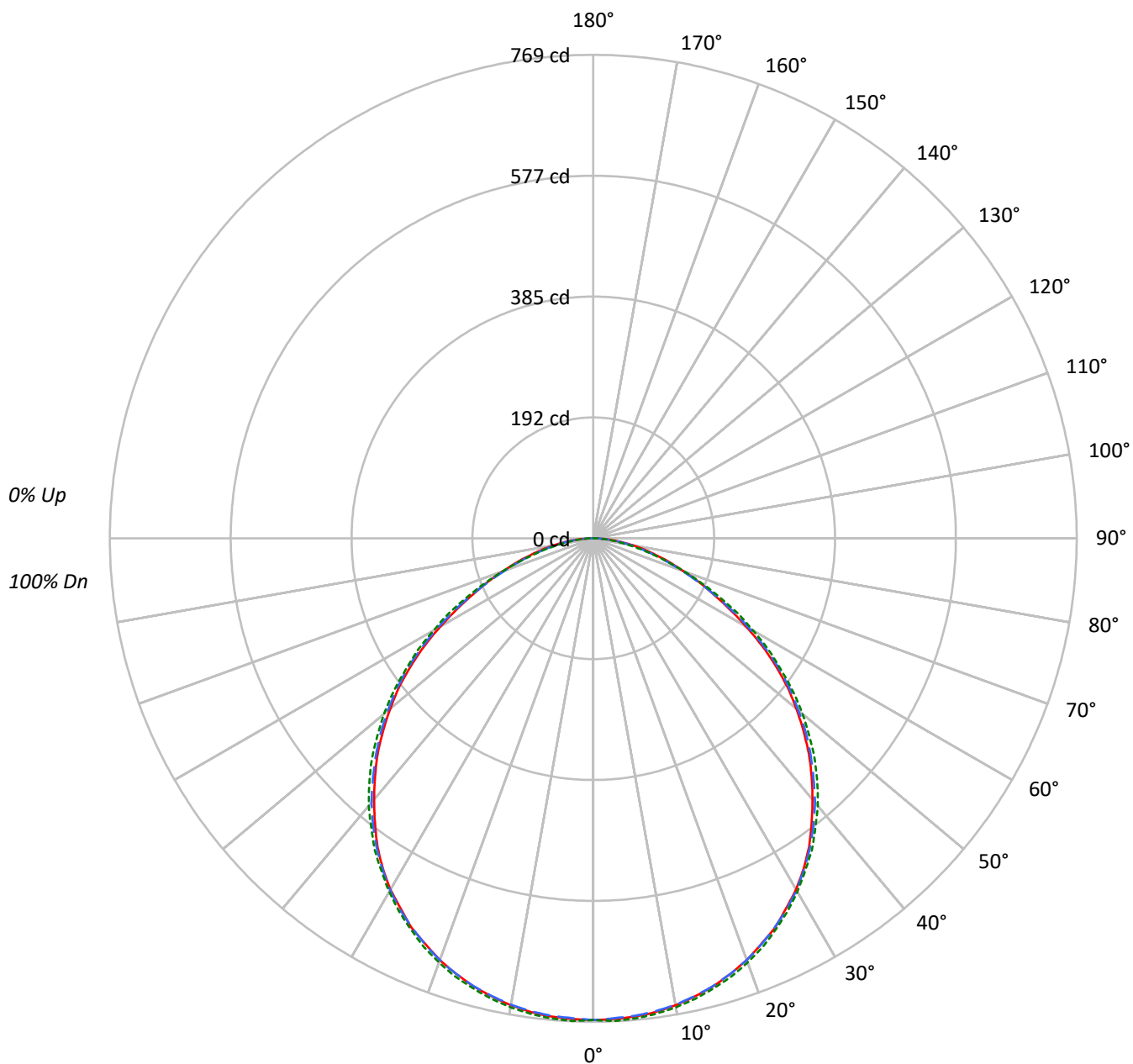
Lumens per Lamp: N/A
Luminaire Lumens: 2019.5 lumens
Efficiency: N/A
Efficacy: 106.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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°	72.7	3.6
10°-20°	208.4	10.3
20°-30°	315.3	15.6
30°-40°	375.8	18.6
40°-50°	377.9	18.7
50°-60°	320.7	15.9
60°-70°	213.5	10.6
70°-80°	106.6	5.3
80°-90°	28.5	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°	596.4	29.5
0°-40°	972.2	48.1
0°-60°	1670.8	82.7
0°-90°	2019.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2019.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	766	766	766	766	766	
5°	764	764	762	766	767	73
15°	738	738	737	740	741	208
25°	684	684	683	686	687	314
35°	599	599	601	605	606	373
45°	485	486	489	496	498	373
55°	354	357	360	363	364	316
65°	210	212	213	216	221	211
75°	104	102	98	96	96	112
85°	27	26	24	23	21	31
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	766.2	766.2	766.2	766.2	766.2
2.5°	765.5	766.2	764.1	767.8	768.7
5°	763.9	764.1	762.4	765.8	766.7
7.5°	760.2	760.5	758.7	762.4	763.0
10°	754.2	754.8	753.4	756.8	757.6
12.5°	746.6	747.4	745.9	749.6	750.3
15°	737.5	738.3	737.2	740.3	740.9
17.5°	726.3	727.0	726.3	729.2	730.9
20°	713.9	713.9	713.9	716.4	717.9
22.5°	698.3	699.7	699.1	702.5	704.0
25°	683.8	683.8	682.9	686.1	686.6
27.5°	663.6	665.9	665.7	668.5	669.1
30°	645.2	645.8	646.1	648.1	649.2
32.5°	622.8	623.3	624.2	627.0	627.3
35°	598.6	599.3	600.9	605.1	605.8
37.5°	570.6	573.7	575.1	579.7	580.2
40°	542.4	544.4	548.7	553.5	555.7
42.5°	513.8	516.0	518.6	525.1	527.2
45°	485.1	485.9	489.1	495.6	498.5
47.5°	453.3	455.9	458.7	464.4	466.1
50°	421.5	424.3	426.1	431.1	434.5
52.5°	389.5	392.0	394.0	397.1	400.5
55°	354.3	356.8	360.0	363.4	364.2
57.5°	318.5	321.3	323.4	327.0	330.7
60°	280.1	283.3	286.1	289.5	293.2
62.5°	244.5	245.8	248.7	254.4	259.7
65°	210.3	212.1	212.6	215.8	221.1
67.5°	181.9	181.9	179.4	180.5	186.5
70°	152.1	151.0	149.0	147.9	152.8
72.5°	128.0	126.6	122.3	120.4	122.9
75°	103.9	102.4	97.9	95.6	95.9
77.5°	83.4	81.2	77.5	73.5	72.7
80°	63.3	62.4	58.8	55.1	52.2
82.5°	44.9	42.9	40.8	38.6	36.3
85°	26.9	26.4	24.4	23.0	21.0
87.5°	11.0	11.0	10.5	9.9	9.4
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)