

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: P1046698

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

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046698
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-L930-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

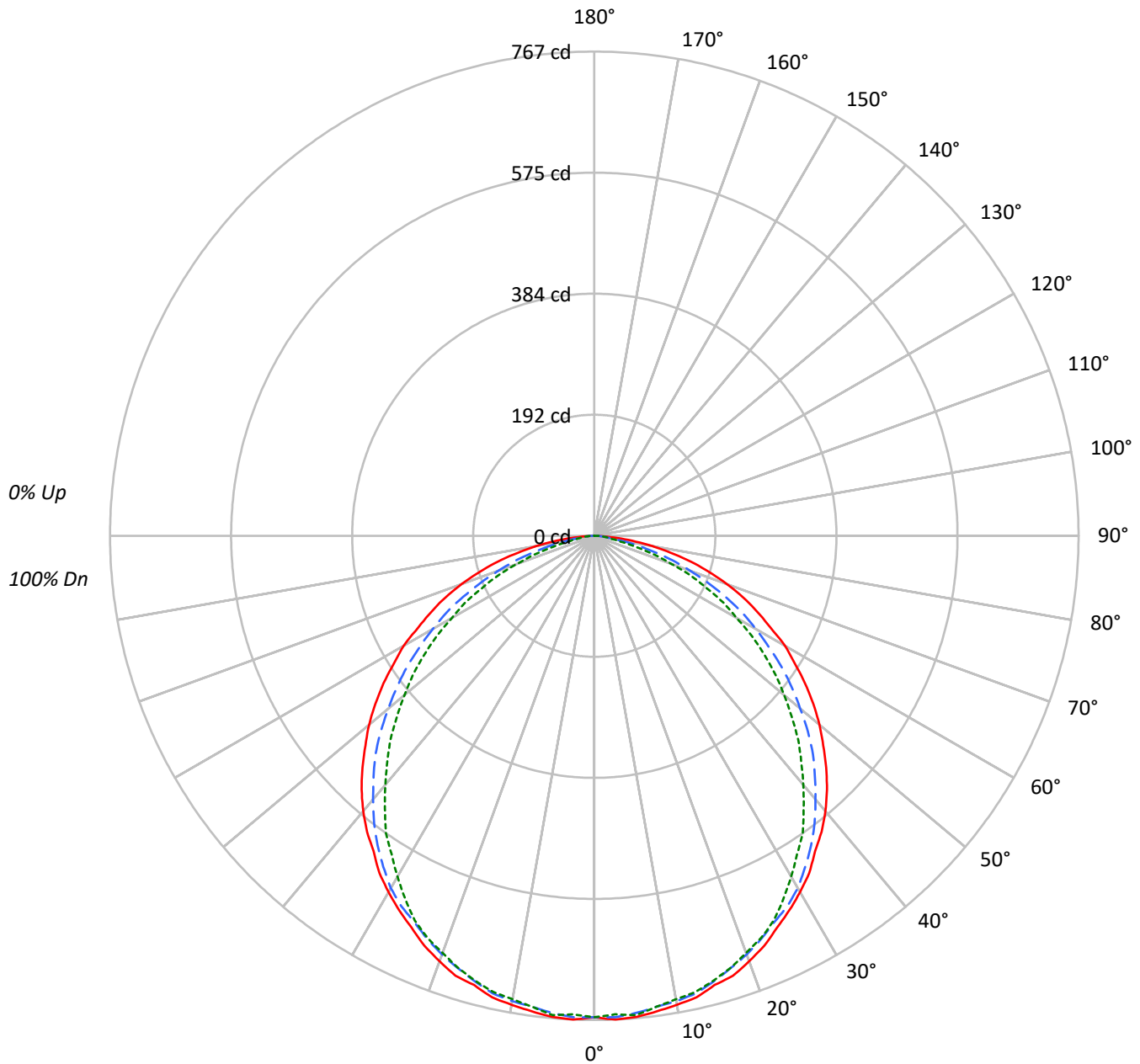
Lumens per Lamp: N/A
Luminaire Lumens: 2031.2 lumens
Efficiency: N/A
Efficacy: 106.9 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	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	95	92	90	91	89	87	85		
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72		
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61		
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52		
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45		
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40		
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35		
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31		
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28		
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	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°	72.3	3.6
10°-20°	206.8	10.2
20°-30°	312.4	15.4
30°-40°	371.5	18.3
40°-50°	376.8	18.5
50°-60°	327.1	16.1
60°-70°	232.2	11.4
70°-80°	111.0	5.5
80°-90°	21.0	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°	591.6	29.1
0°-40°	963.1	47.4
0°-60°	1667.0	82.1
0°-90°	2031.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2031.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	763	763	763	763	763	
5°	765	763	759	761	762	73
15°	737	738	731	730	729	209
25°	685	684	675	678	673	316
35°	610	609	599	578	575	383
45°	519	515	490	464	456	400
55°	407	395	362	341	329	364
65°	285	263	229	204	197	282
75°	158	129	96	76	68	166
85°	31	16	14	14	13	39
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	762.6	762.6	762.6	762.6	762.6
2.5°	767.1	764.4	763.5	766.7	758.9
5°	765.3	762.6	758.9	760.8	762.1
7.5°	759.8	757.6	752.6	756.7	752.6
10°	754.4	752.1	748.5	749.9	745.3
12.5°	748.9	743.5	742.6	743.5	740.3
15°	736.7	738.5	730.8	729.9	729.4
17.5°	730.8	726.2	718.1	718.5	717.6
20°	717.2	711.7	705.8	704.9	703.1
22.5°	703.1	696.7	691.3	694.0	689.9
25°	684.9	684.0	674.9	677.6	672.6
27.5°	669.0	665.8	661.7	655.8	648.6
30°	651.8	648.6	644.5	629.0	623.6
32.5°	633.6	630.0	621.8	603.6	597.7
35°	609.5	608.6	598.6	578.2	575.4
37.5°	591.3	581.4	573.2	552.3	544.6
40°	569.5	564.1	545.0	525.0	515.0
42.5°	545.5	539.1	517.3	496.0	485.1
45°	519.1	514.6	490.1	464.2	456.5
47.5°	491.9	487.8	458.7	433.7	423.8
50°	465.5	460.5	425.6	401.5	392.4
52.5°	436.9	428.7	394.2	370.6	362.0
55°	407.4	395.1	362.0	340.6	328.8
57.5°	376.1	364.7	327.9	305.7	296.1
60°	348.8	332.9	295.2	272.5	260.2
62.5°	313.8	300.2	264.3	237.5	231.6
65°	284.8	263.4	228.9	204.4	196.7
67.5°	255.3	230.3	195.3	170.3	166.2
70°	223.0	197.1	161.2	136.7	129.9
72.5°	190.3	164.9	129.9	104.0	99.9
75°	158.5	129.4	96.3	76.3	67.7
77.5°	124.0	97.6	67.7	46.8	41.3
80°	92.2	65.9	39.1	27.7	27.3
82.5°	60.4	38.2	20.9	21.3	20.4
85°	30.9	16.4	14.1	13.6	13.2
87.5°	5.9	6.4	6.8	6.8	6.8
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)