

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: P1046908

Luminaire Tested: 22PTR-25-PP3-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046908
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-25-PP3-L930-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

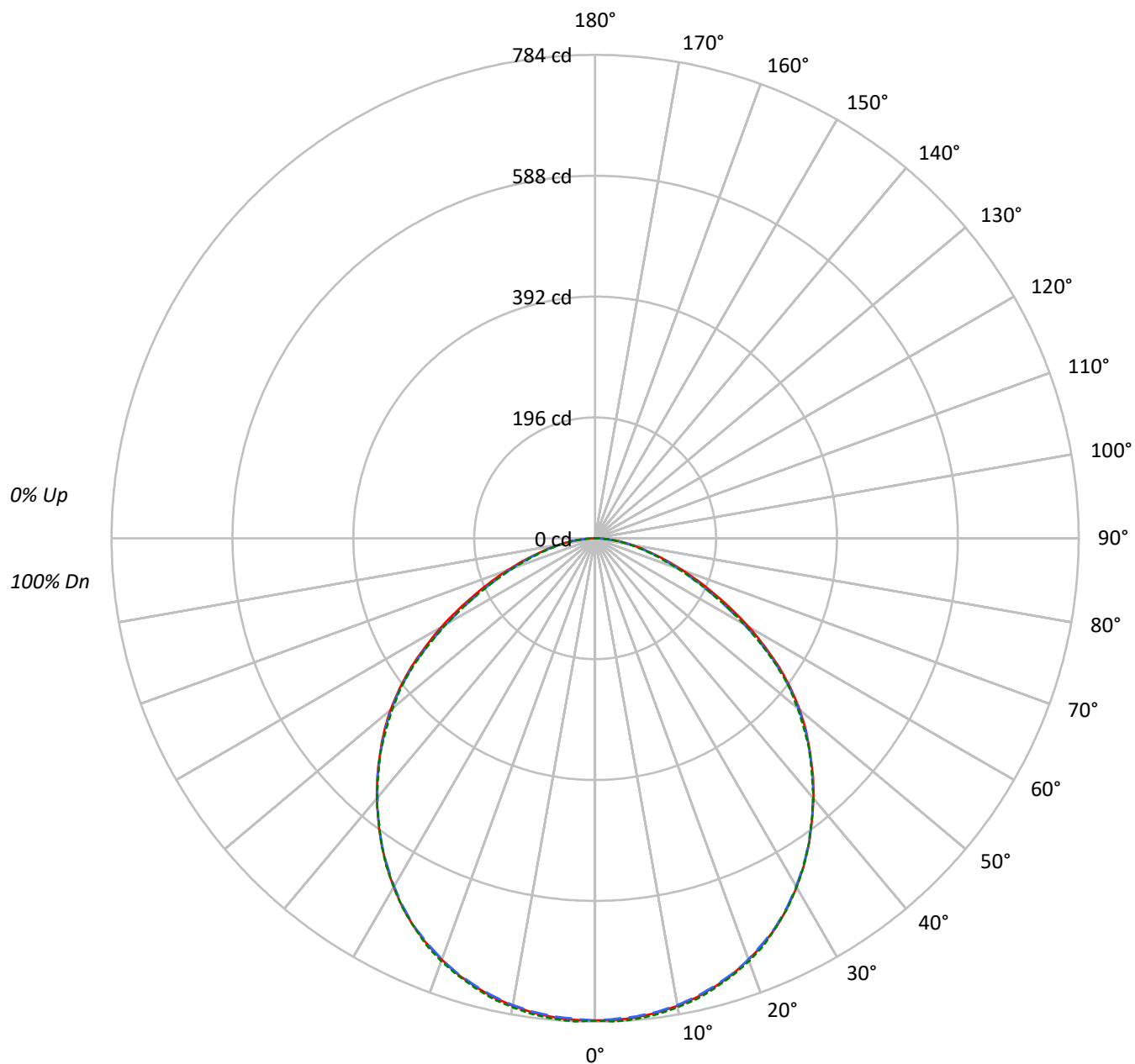
Lumens per Lamp: N/A
Luminaire Lumens: 2020.5 lumens
Efficiency: N/A
Efficacy: 106.3 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	109	105	101	97	107	103	99	96		99	96	93			95	92	90			91
2	100	92	86	80	97	90	84	79		87	82	78			84	79	76			81
3	92	81	74	67	89	80	73	67		77	71	66			74	69	65			72
4	84	73	64	58	82	71	63	57		69	62	56			66	60	56			64
5	77	65	56	50	75	64	56	50		62	55	49			60	54	49			58
6	72	59	50	44	70	58	50	44		56	49	43			54	48	43			53
7	66	53	45	39	65	52	44	39		51	44	38			50	43	38			48
8	62	49	40	35	60	48	40	35		47	39	34			45	39	34			44
9	58	45	37	31	57	44	36	31		43	36	31			42	35	31			41
10	54	41	34	28	53	41	33	28		40	33	28			39	33	28			38

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°	74.2	3.7
10°-20°	212.5	10.5
20°-30°	319.9	15.8
30°-40°	377.5	18.7
40°-50°	379.7	18.8
50°-60°	320.5	15.9
60°-70°	205.9	10.2
70°-80°	102.4	5.1
80°-90°	28.1	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°	606.5	30.0
0°-40°	984.0	48.7
0°-60°	1684.2	83.4
0°-90°	2020.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2020.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	782	782	782	782	782	
5°	780	780	778	782	782	74
15°	752	753	751	754	754	212
25°	695	695	694	695	695	320
35°	604	605	604	604	604	378
45°	493	495	492	492	492	380
55°	364	364	360	358	358	324
65°	214	211	203	201	203	213
75°	98	97	94	93	92	106
85°	24	25	25	24	24	28
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	782.0	782.0	782.0	782.0	782.0
2.5°	781.7	782.0	779.9	783.7	784.3
5°	779.7	779.9	778.0	781.7	782.2
7.5°	775.7	776.0	774.3	777.7	778.3
10°	769.7	770.7	768.6	771.8	772.3
12.5°	762.4	762.7	760.7	764.4	765.0
15°	752.5	752.7	751.1	754.5	754.5
17.5°	741.1	741.4	740.2	743.1	742.8
20°	727.2	728.1	726.6	728.6	729.7
22.5°	712.2	712.5	710.7	713.3	714.4
25°	695.2	695.4	694.0	695.4	694.9
27.5°	675.3	675.8	673.8	675.3	675.6
30°	653.1	654.5	651.7	652.9	653.1
32.5°	629.3	630.1	628.1	628.4	629.9
35°	604.3	604.6	603.5	604.0	604.0
37.5°	577.4	578.5	576.8	577.6	576.4
40°	550.7	549.5	548.9	549.5	550.4
42.5°	522.5	522.8	522.0	521.4	520.0
45°	493.0	494.8	491.6	492.2	492.2
47.5°	464.1	464.3	462.7	460.9	459.8
50°	433.2	433.2	431.1	429.8	428.0
52.5°	399.4	398.8	396.6	395.1	396.0
55°	363.9	363.6	359.6	358.2	358.5
57.5°	325.0	325.6	319.6	318.2	318.2
60°	287.9	285.0	278.2	276.2	278.7
62.5°	248.9	245.5	238.1	238.1	240.1
65°	213.7	210.6	203.0	200.9	202.7
67.5°	180.8	177.9	170.9	169.8	170.3
70°	149.6	147.1	142.7	140.2	141.1
72.5°	122.6	120.4	117.5	115.5	114.4
75°	97.9	97.4	94.3	93.3	92.2
77.5°	77.5	77.3	74.7	73.5	72.4
80°	58.2	57.9	57.3	55.6	54.8
82.5°	41.5	41.5	41.2	39.7	38.9
85°	24.1	25.0	25.0	23.5	23.5
87.5°	9.7	10.2	9.7	9.7	9.4
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)