

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: P1046740

Luminaire Tested: 22PTR-25-PB1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046740
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737703)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-25-PB1-L930-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

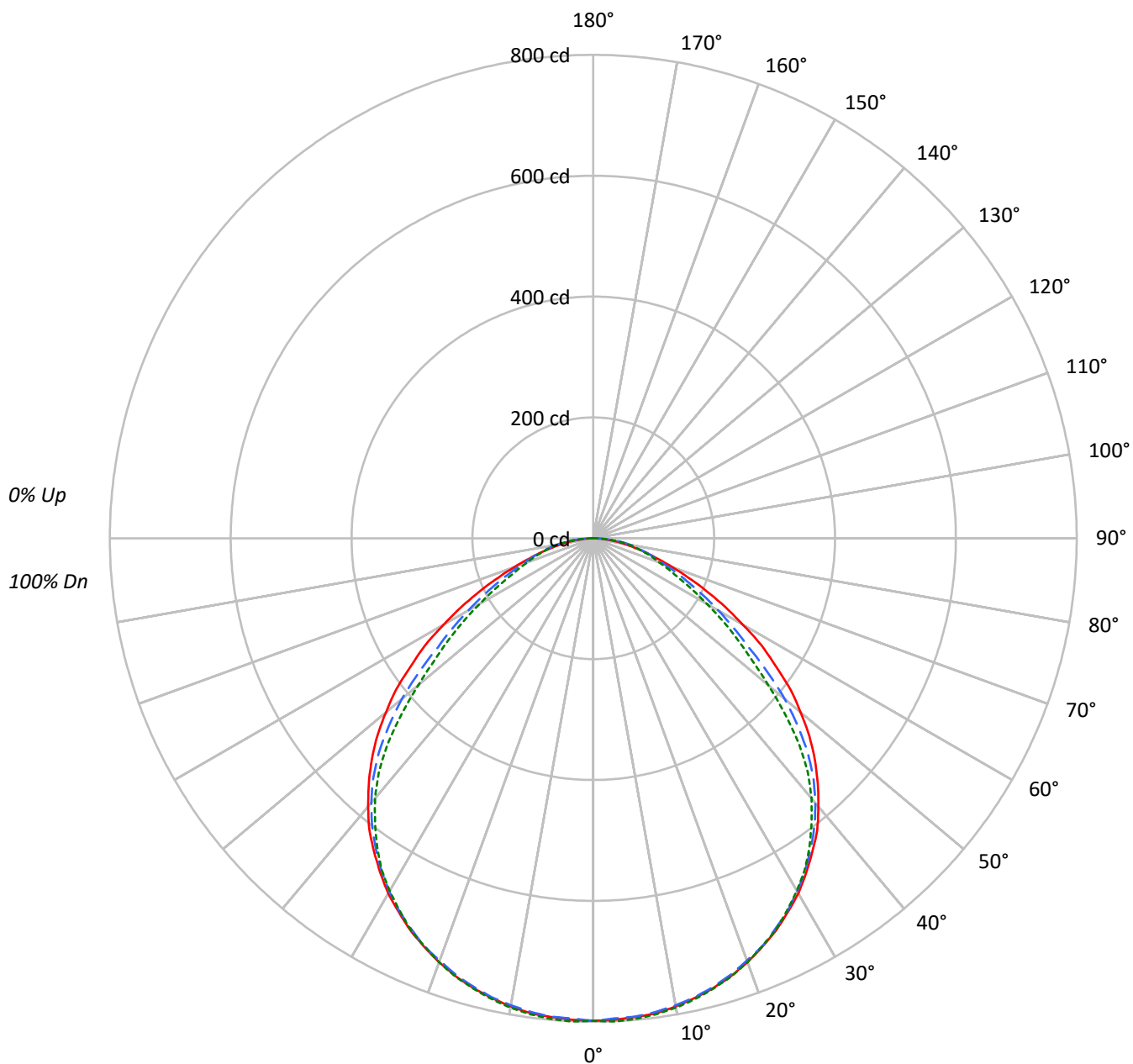
Lumens per Lamp: N/A
Luminaire Lumens: 1991.0 lumens
Efficiency: N/A
Efficacy: 104.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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

TEST NUMBER: P1046740

CATALOG NUMBER: 22PTR-25-PB1-L930-UNV-STD-W

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	93	90	91	89	88	86		
2	100	93	86	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73		
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	64	62		
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54		
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47		
6	72	60	51	45	71	59	51	45	57	50	44	55	49	44	54	48	44	42		
7	67	54	46	40	66	53	45	40	52	45	39	51	44	39	49	43	39	37		
8	63	50	41	36	61	49	41	36	48	41	35	46	40	35	45	39	35	33		
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30		
10	55	42	34	29	54	42	34	29	41	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: -

TEST NUMBER: P1046740

CATALOG NUMBER: 22PTR-25-PB1-L930-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.7	3.8
10°-20°	217.2	10.9
20°-30°	329.1	16.5
30°-40°	392.1	19.7
40°-50°	383.4	19.3
50°-60°	290.0	14.6
60°-70°	178.2	9.0
70°-80°	94.9	4.8
80°-90°	30.3	1.5
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°	622.0	31.2
0°-40°	1014.1	50.9
0°-60°	1687.6	84.8
0°-90°	1991.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1991.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	798	798	798	798	798	
5°	796	796	794	798	798	76
15°	770	771	768	771	771	217
25°	716	715	713	714	715	330
35°	632	632	628	625	624	396
45°	518	516	502	485	481	399
55°	368	350	313	296	291	330
65°	207	190	175	161	156	206
75°	88	89	90	87	86	95
85°	20	26	31	30	28	24
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	798.5	798.5	798.5	798.5	798.5
2.5°	797.5	798.5	795.5	799.5	800.4
5°	795.5	796.5	794.5	797.5	798.5
7.5°	792.6	792.6	790.6	793.5	794.5
10°	786.7	786.7	784.7	787.6	788.7
12.5°	778.9	778.9	777.8	779.8	780.8
15°	770.0	770.9	768.0	770.9	770.9
17.5°	759.2	758.2	757.2	759.2	760.2
20°	746.4	746.4	743.5	745.5	746.4
22.5°	731.6	731.6	730.7	731.6	730.7
25°	716.0	714.9	713.0	714.0	714.9
27.5°	697.3	697.3	695.4	695.4	694.3
30°	678.7	677.6	674.7	672.8	673.7
32.5°	656.1	655.0	652.2	650.2	651.1
35°	632.5	631.5	627.6	624.6	623.7
37.5°	608.9	606.0	601.0	597.1	593.2
40°	579.5	576.5	571.6	562.8	561.7
42.5°	550.0	547.1	539.1	528.4	525.4
45°	518.5	515.6	501.8	485.1	481.2
47.5°	485.1	480.3	458.6	438.0	430.2
50°	447.9	439.0	413.5	387.0	378.1
52.5°	411.5	395.8	362.4	338.8	330.0
55°	368.3	349.6	313.3	295.6	290.7
57.5°	330.0	304.5	275.0	257.4	253.4
60°	285.8	262.2	238.7	222.9	217.0
62.5°	245.5	224.9	205.3	191.5	184.7
65°	207.2	190.5	174.9	161.1	156.2
67.5°	169.9	161.1	148.3	137.5	134.6
70°	138.5	133.5	124.8	119.8	115.9
72.5°	110.0	112.0	106.1	104.1	101.1
75°	88.4	89.4	90.3	87.4	85.5
77.5°	66.8	71.7	75.6	73.6	71.7
80°	50.1	55.0	61.9	59.0	59.0
82.5°	34.3	40.3	46.2	44.2	43.2
85°	19.7	25.6	31.4	29.5	27.5
87.5°	7.8	12.8	13.7	13.7	12.8
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)