

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: P1046866

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

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046866
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-224-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-25-PLG-L930-UNV-STD-W
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

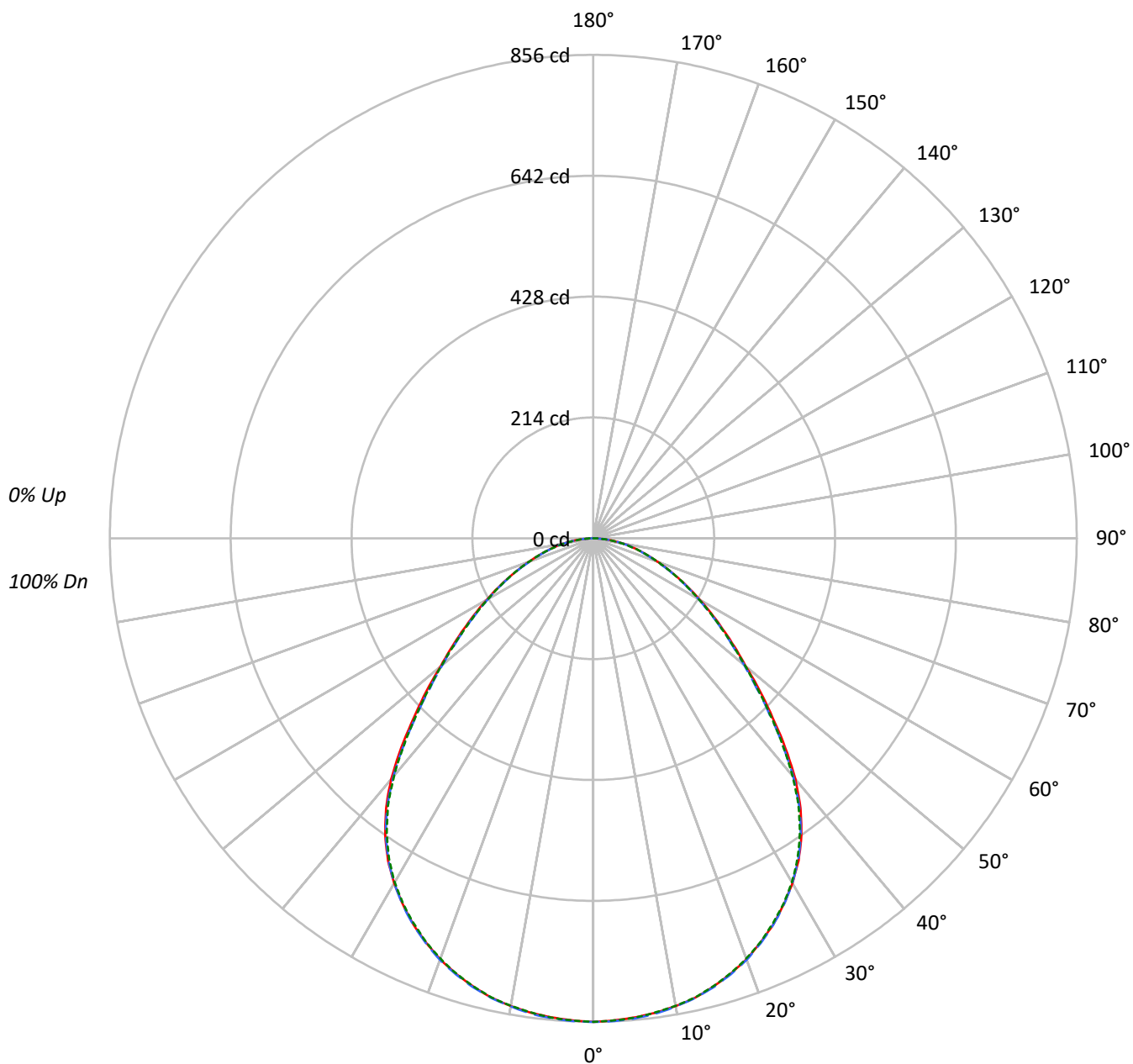
Lumens per Lamp: N/A
Luminaire Lumens: 1929.7 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86		
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74		
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64		
4	86	75	67	60	84	73	66	60	71	64	59	69	63	58	67	62	58	56		
5	79	67	59	53	77	66	58	53	64	57	52	62	56	51	61	55	51	49		
6	74	61	53	47	72	60	52	47	58	51	46	57	51	46	55	50	45	43		
7	69	56	48	42	67	55	47	42	54	46	41	52	46	41	51	45	41	39		
8	64	51	43	38	62	51	43	38	49	42	37	48	42	37	47	41	37	35		
9	60	47	39	34	59	47	39	34	46	39	34	44	38	34	43	38	34	32		
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	31	29		

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°	81.1	4.2
10°-20°	232.0	12.0
20°-30°	347.1	18.0
30°-40°	397.7	20.6
40°-50°	344.0	17.8
50°-60°	249.0	12.9
60°-70°	164.0	8.5
70°-80°	89.3	4.6
80°-90°	25.6	1.3
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°	660.2	34.2
0°-40°	1057.9	54.8
0°-60°	1650.9	85.6
0°-90°	1929.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1929.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	856	856	856	856	856	
5°	852	853	853	853	852	81
15°	822	822	823	824	821	232
25°	754	754	755	756	752	347
35°	642	642	641	640	638	399
45°	449	448	442	441	444	348
55°	280	278	275	274	276	252
65°	165	166	164	163	165	165
75°	84	84	83	83	84	90
85°	22	22	22	23	20	26
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	856.4	856.4	856.4	856.4	856.4
2.5°	854.6	856.4	855.8	856.4	854.6
5°	851.5	853.3	853.3	853.3	852.1
7.5°	847.3	848.5	849.1	849.7	846.7
10°	841.2	842.4	841.8	843.0	840.6
12.5°	833.3	833.3	833.9	835.1	832.7
15°	821.7	822.3	823.0	824.2	821.1
17.5°	808.4	809.0	809.6	810.2	807.8
20°	793.2	793.2	794.4	795.0	792.0
22.5°	774.3	774.3	775.5	777.4	773.7
25°	754.3	754.3	754.9	755.5	752.4
27.5°	730.6	730.6	731.2	733.0	729.4
30°	705.0	704.4	705.0	705.6	703.2
32.5°	676.5	675.9	675.3	675.9	672.8
35°	642.4	641.8	640.6	640.0	637.6
37.5°	602.9	601.7	599.3	599.3	596.9
40°	556.7	553.7	550.7	549.4	548.8
42.5°	503.3	500.8	496.6	496.0	496.0
45°	449.2	447.9	441.9	441.3	443.7
47.5°	400.5	397.5	392.0	390.8	394.5
50°	352.5	353.1	348.3	346.4	350.1
52.5°	314.8	313.6	309.4	308.2	311.2
55°	279.6	278.4	275.3	273.5	275.9
57.5°	247.4	246.8	243.7	243.1	244.3
60°	218.2	217.6	215.2	214.6	215.2
62.5°	190.8	190.8	188.4	187.2	189.0
65°	165.3	166.5	164.1	162.9	164.7
67.5°	142.2	143.4	141.0	139.8	142.2
70°	120.3	121.6	119.1	117.9	120.3
72.5°	101.5	102.1	100.3	99.7	102.7
75°	84.5	84.5	83.3	83.3	84.5
77.5°	68.7	68.1	67.5	67.5	66.2
80°	52.9	52.3	52.3	52.3	50.4
82.5°	37.7	36.5	37.1	37.7	34.6
85°	22.5	22.5	22.5	23.1	20.1
87.5°	9.1	9.1	8.5	9.1	7.9
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)