

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: P1046865

Luminaire Tested: 22PTR-20-PLG-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046865
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-20-PLG-L930-UNV-STD-W
Description: 2000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

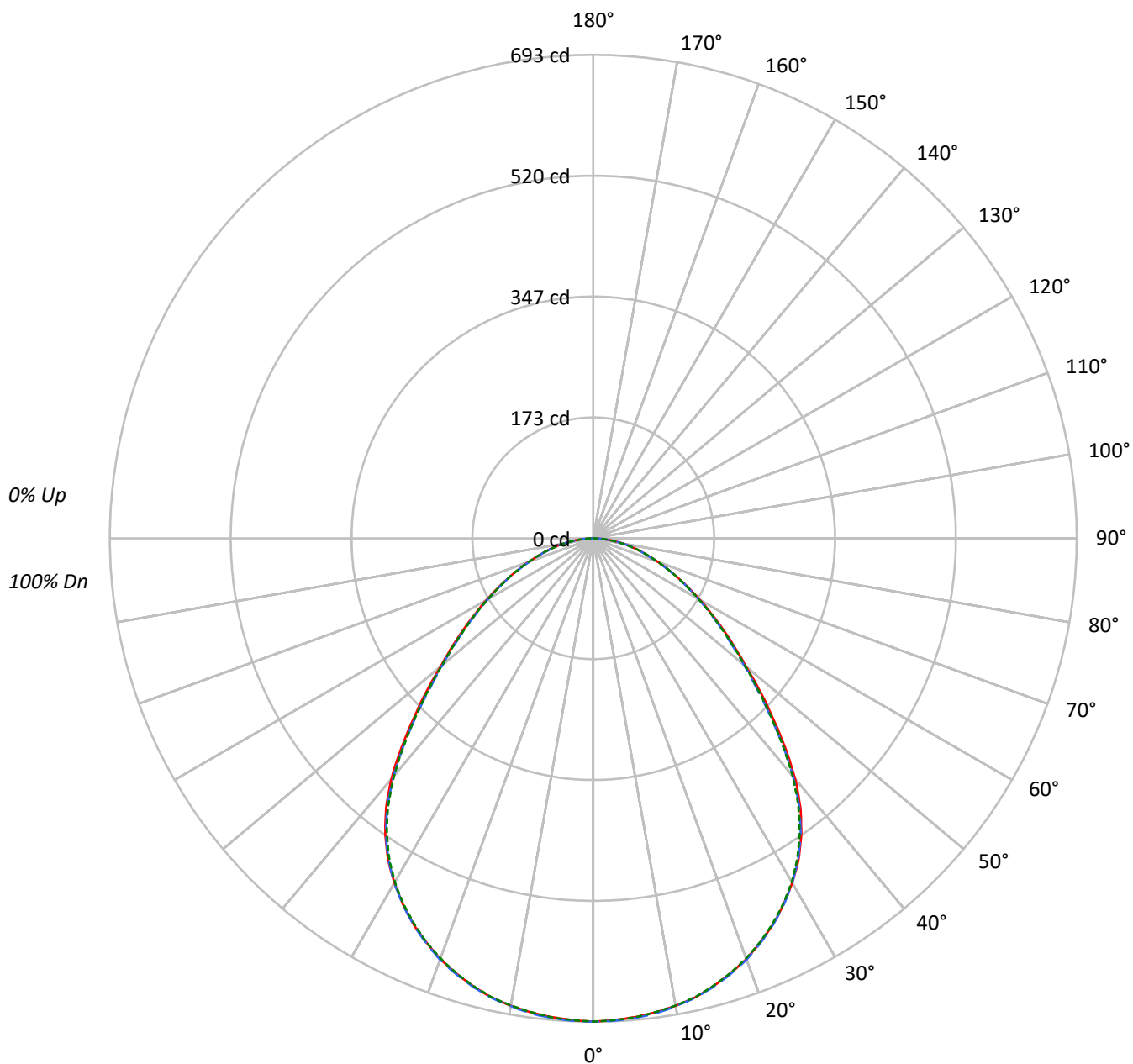
Lumens per Lamp: N/A
Luminaire Lumens: 1561.3 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 15
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°	65.6	4.2
10°-20°	187.7	12.0
20°-30°	280.9	18.0
30°-40°	321.8	20.6
40°-50°	278.3	17.8
50°-60°	201.4	12.9
60°-70°	132.7	8.5
70°-80°	72.2	4.6
80°-90°	20.7	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°	534.2	34.2
0°-40°	855.9	54.8
0°-60°	1335.7	85.5
0°-90°	1561.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1561.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	693	693	693	693	693	
5°	689	690	690	690	689	66
15°	665	665	666	667	664	188
25°	610	610	611	611	609	281
35°	520	519	518	518	516	323
45°	363	362	358	357	359	281
55°	226	225	223	221	223	204
65°	134	135	133	132	133	134
75°	68	68	67	67	68	73
85°	18	18	18	19	16	21
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	692.9	692.9	692.9	692.9	692.9
2.5°	691.4	692.9	692.4	692.9	691.4
5°	688.9	690.4	690.4	690.4	689.4
7.5°	685.5	686.5	687.0	687.5	685.0
10°	680.6	681.6	681.1	682.0	680.1
12.5°	674.2	674.2	674.7	675.7	673.7
15°	664.8	665.3	665.8	666.8	664.3
17.5°	654.0	654.5	655.0	655.5	653.5
20°	641.7	641.7	642.7	643.2	640.7
22.5°	626.5	626.5	627.5	628.9	626.0
25°	610.3	610.3	610.7	611.2	608.8
27.5°	591.1	591.1	591.6	593.0	590.1
30°	570.4	569.9	570.4	570.9	568.9
32.5°	547.3	546.8	546.3	546.8	544.4
35°	519.8	519.3	518.3	517.8	515.8
37.5°	487.8	486.8	484.9	484.9	482.9
40°	450.4	448.0	445.5	444.5	444.0
42.5°	407.2	405.2	401.8	401.3	401.3
45°	363.4	362.4	357.5	357.0	359.0
47.5°	324.1	321.6	317.2	316.2	319.1
50°	285.2	285.7	281.8	280.3	283.2
52.5°	254.7	253.7	250.3	249.3	251.8
55°	226.2	225.2	222.8	221.3	223.3
57.5°	200.1	199.6	197.2	196.7	197.7
60°	176.5	176.0	174.1	173.6	174.1
62.5°	154.4	154.4	152.4	151.5	152.9
65°	133.8	134.7	132.8	131.8	133.3
67.5°	115.1	116.1	114.1	113.1	115.1
70°	97.4	98.3	96.4	95.4	97.4
72.5°	82.1	82.6	81.1	80.6	83.1
75°	68.4	68.4	67.4	67.4	68.4
77.5°	55.6	55.1	54.6	54.6	53.6
80°	42.8	42.3	42.3	42.3	40.8
82.5°	30.5	29.5	30.0	30.5	28.0
85°	18.2	18.2	18.2	18.7	16.2
87.5°	7.4	7.4	6.9	7.4	6.4
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)