

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: P1046949

Luminaire Tested: 22PTR-20-PR1-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046949
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-20-PR1-L930-UNV-STD-W
Description: 2000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

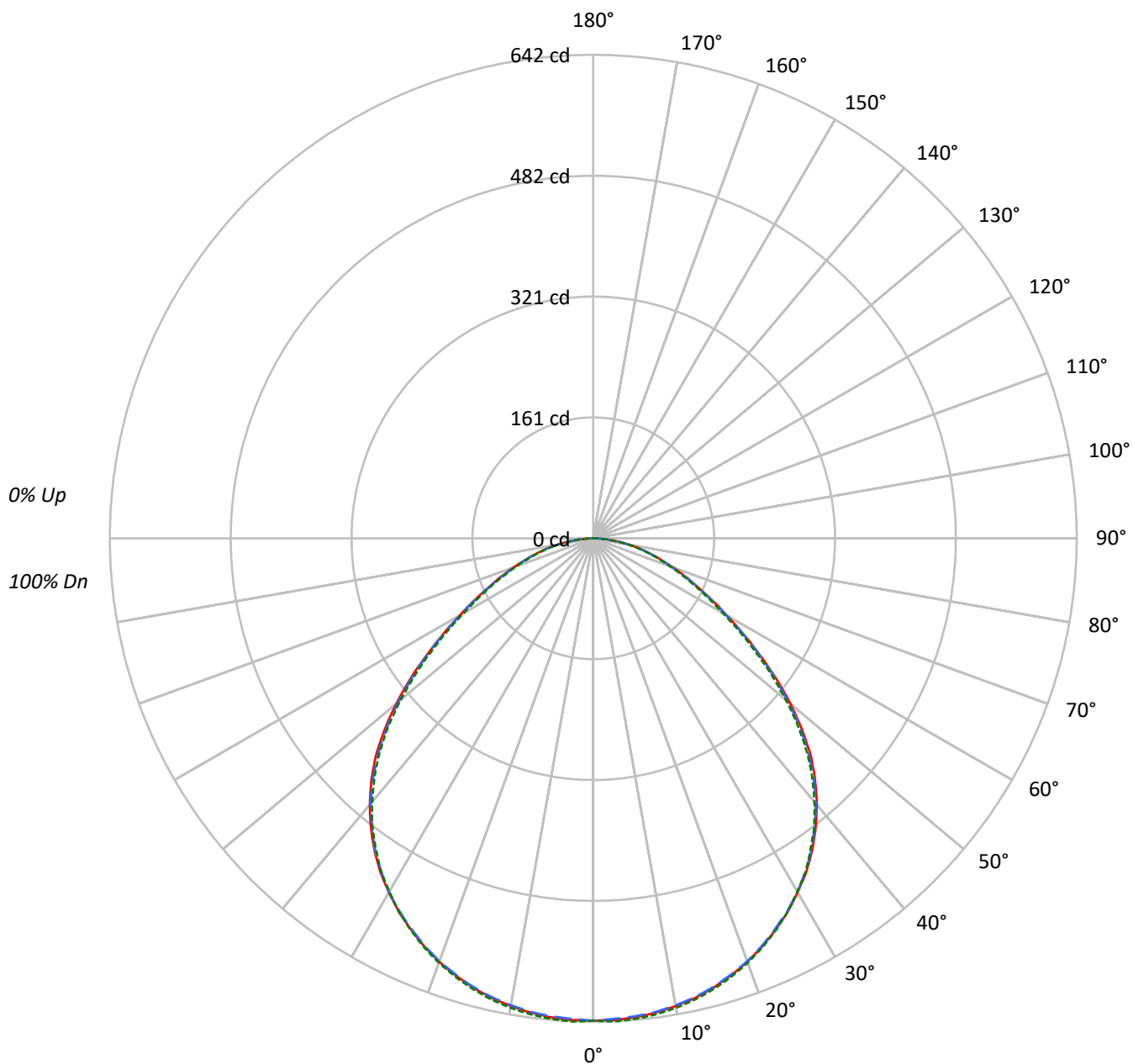
Lumens per Lamp: N/A
Luminaire Lumens: 1619.9 lumens
Efficiency: N/A
Efficacy: 108.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	71	66	75	70	65	72	68	64	62		
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54		
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47		
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41		
7	67	54	45	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37		
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33		
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30		
10	55	42	34	29	54	41	34	29	40	34	29	39	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: -

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.8	3.8
10°-20°	174.4	10.8
20°-30°	264.2	16.3
30°-40°	315.4	19.5
40°-50°	310.2	19.1
50°-60°	239.7	14.8
60°-70°	151.2	9.3
70°-80°	81.8	5.0
80°-90°	22.3	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°	499.4	30.8
0°-40°	814.8	50.3
0°-60°	1364.6	84.2
0°-90°	1619.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1619.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	640	640	640	640	640	
5°	639	639	637	640	641	61
15°	618	618	617	619	620	174
25°	573	574	572	574	574	264
35°	506	507	505	505	503	316
45°	408	407	404	401	401	313
55°	270	272	269	264	263	242
65°	152	152	151	149	148	153
75°	78	77	76	77	75	83
85°	19	19	19	19	18	23
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	640.5	640.5	640.5	640.5	640.5
2.5°	640.3	640.5	638.7	641.7	642.4
5°	638.7	638.9	637.3	640.0	640.8
7.5°	635.4	635.9	634.4	637.1	637.8
10°	630.9	631.4	629.8	632.5	633.2
12.5°	625.2	625.4	624.0	626.5	627.2
15°	617.6	617.8	616.7	618.7	619.6
17.5°	608.8	609.1	607.5	610.0	610.4
20°	598.3	598.5	597.6	599.7	599.9
22.5°	586.6	587.1	585.6	587.5	587.7
25°	573.3	573.7	571.9	573.7	574.0
27.5°	559.3	559.5	557.9	559.3	559.0
30°	542.9	544.4	542.3	541.8	541.6
32.5°	526.0	526.2	524.2	523.7	524.6
35°	506.5	506.7	505.3	504.7	503.2
37.5°	485.1	485.1	482.5	482.1	481.9
40°	461.7	461.4	459.9	458.3	456.6
42.5°	436.2	436.7	433.4	430.7	430.2
45°	408.4	406.8	403.8	400.6	400.9
47.5°	375.6	376.0	371.9	369.4	368.7
50°	341.6	341.6	337.7	335.0	333.6
52.5°	306.0	306.3	302.6	299.0	298.2
55°	269.8	272.0	268.6	264.3	263.3
57.5°	235.8	237.6	234.4	229.8	229.6
60°	204.4	204.5	203.6	199.3	198.1
62.5°	177.5	176.3	175.8	173.6	172.2
65°	152.2	152.5	151.3	148.7	148.3
67.5°	131.8	131.5	129.5	127.9	127.0
70°	111.8	111.1	110.2	108.9	107.9
72.5°	93.9	93.9	93.2	92.8	91.2
75°	78.3	77.4	76.5	76.9	75.1
77.5°	63.4	62.5	61.7	60.8	60.4
80°	48.0	47.0	47.3	45.9	45.7
82.5°	33.3	33.3	32.9	31.7	31.9
85°	19.0	19.3	18.9	19.0	18.1
87.5°	6.9	7.1	7.6	7.1	7.1
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)