

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: P1050333

Luminaire Tested: PTR-14-20-PP3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050333
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-20-PP3-L935-UNV-STD-W
Description: 2000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

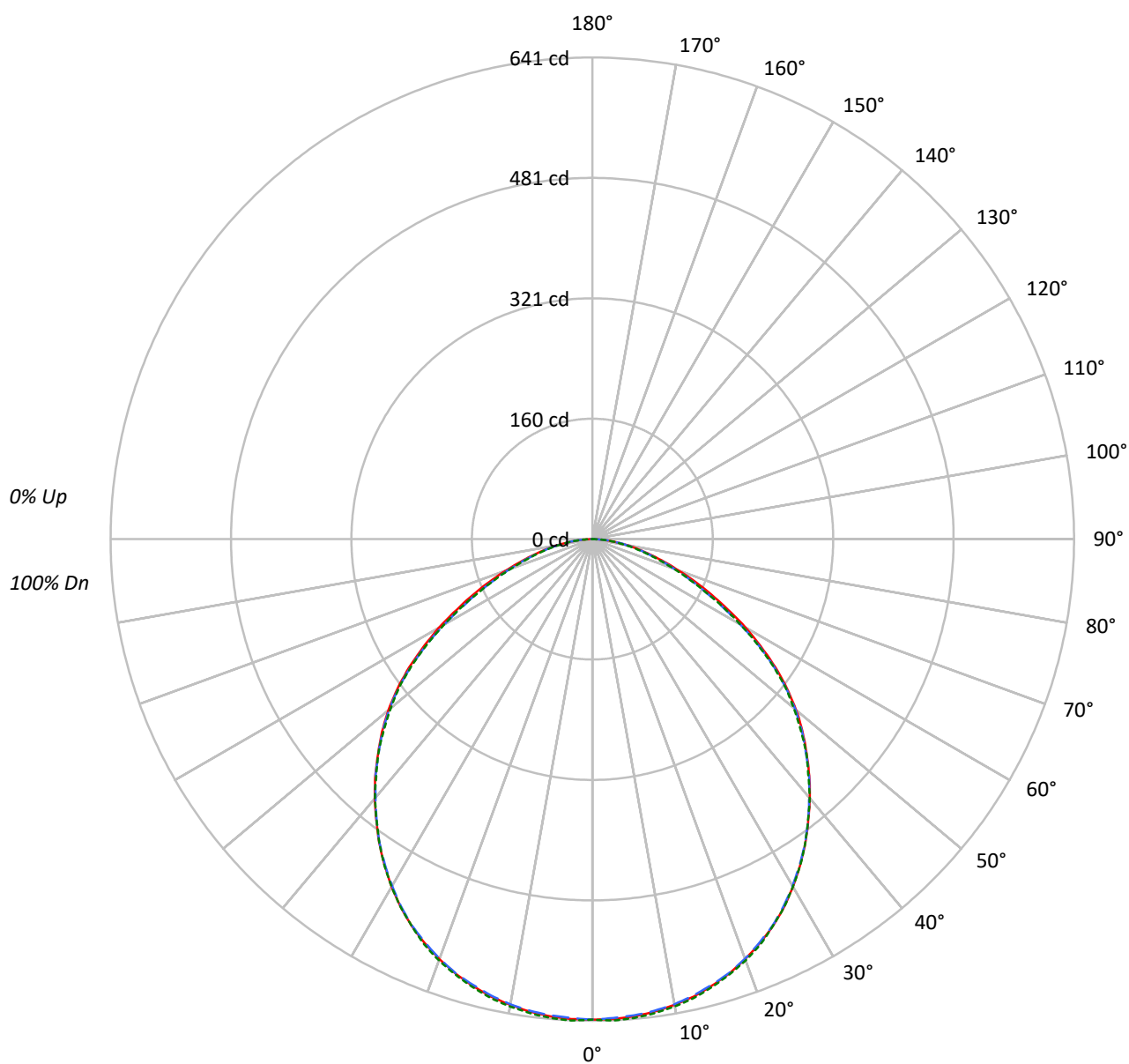
Lumens per Lamp: N/A
Luminaire Lumens: 1652.2 lumens
Efficiency: N/A
Efficacy: 103.3 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 16
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	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72		
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61		
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53		
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46		
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40		
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36		
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32		
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	29		
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1721	1721	1721
5°	1722	1719	1728
10°	1720	1717	1726
15°	1714	1711	1719
20°	1703	1702	1709
25°	1688	1685	1687
30°	1659	1656	1659
35°	1623	1621	1623
40°	1582	1577	1581
45°	1534	1529	1532
50°	1483	1476	1465
55°	1396	1380	1376
60°	1267	1224	1227
65°	1112	1057	1055
70°	962	918	908
75°	832	802	784
80°	738	727	694
85°	608	630	593

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 1540 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.6	3.7
10°-20°	173.7	10.5
20°-30°	261.6	15.8
30°-40°	308.7	18.7
40°-50°	310.5	18.8
50°-60°	262.1	15.9
60°-70°	168.3	10.2
70°-80°	83.7	5.1
80°-90°	22.9	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°	495.9	30.0
0°-40°	804.6	48.7
0°-60°	1377.2	83.4
0°-90°	1652.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1652.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	639	639	639	639	639	
5°	638	638	636	639	640	61
15°	615	616	614	617	617	174
25°	568	569	568	569	568	262
35°	494	494	494	494	494	309
45°	403	405	402	402	402	311
55°	298	297	294	293	293	265
65°	175	172	166	164	166	174
75°	80	80	77	76	75	87
85°	20	20	20	19	19	23
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	639.4	639.4	639.4	639.4	639.4
2.5°	639.2	639.4	637.8	640.8	641.3
5°	637.6	637.8	636.2	639.2	639.6
7.5°	634.3	634.5	633.1	635.9	636.4
10°	629.4	630.2	628.5	631.1	631.5
12.5°	623.4	623.7	622.0	625.0	625.5
15°	615.3	615.5	614.1	616.9	616.9
17.5°	606.0	606.2	605.3	607.6	607.4
20°	594.7	595.3	594.2	595.8	596.7
22.5°	582.3	582.6	581.2	583.3	584.2
25°	568.4	568.6	567.5	568.6	568.2
27.5°	552.2	552.6	551.0	552.2	552.4
30°	534.0	535.2	532.9	533.9	534.0
32.5°	514.5	515.2	513.6	513.9	515.0
35°	494.1	494.4	493.5	493.9	493.9
37.5°	472.1	473.0	471.6	472.3	471.4
40°	450.3	449.3	448.8	449.3	450.0
42.5°	427.3	427.5	426.8	426.3	425.2
45°	403.1	404.6	401.9	402.5	402.5
47.5°	379.5	379.7	378.3	376.9	376.0
50°	354.2	354.2	352.5	351.4	350.0
52.5°	326.6	326.1	324.3	323.1	323.8
55°	297.5	297.3	294.1	292.9	293.2
57.5°	265.7	266.3	261.4	260.2	260.2
60°	235.4	233.0	227.5	225.9	227.9
62.5°	203.5	200.7	194.7	194.7	196.3
65°	174.7	172.2	166.0	164.3	165.7
67.5°	147.8	145.5	139.7	138.8	139.2
70°	122.3	120.3	116.7	114.6	115.4
72.5°	100.3	98.4	96.1	94.5	93.5
75°	80.0	79.6	77.1	76.3	75.4
77.5°	63.3	63.2	61.1	60.1	59.2
80°	47.6	47.3	46.9	45.5	44.8
82.5°	33.9	33.9	33.7	32.5	31.8
85°	19.7	20.4	20.4	19.2	19.2
87.5°	7.9	8.3	7.9	7.9	7.7
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)