

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: P1050382

Luminaire Tested: PTR-14-20-PR1-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050382
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-20-PR1-L935-UNV-STD-W
Description: 2000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

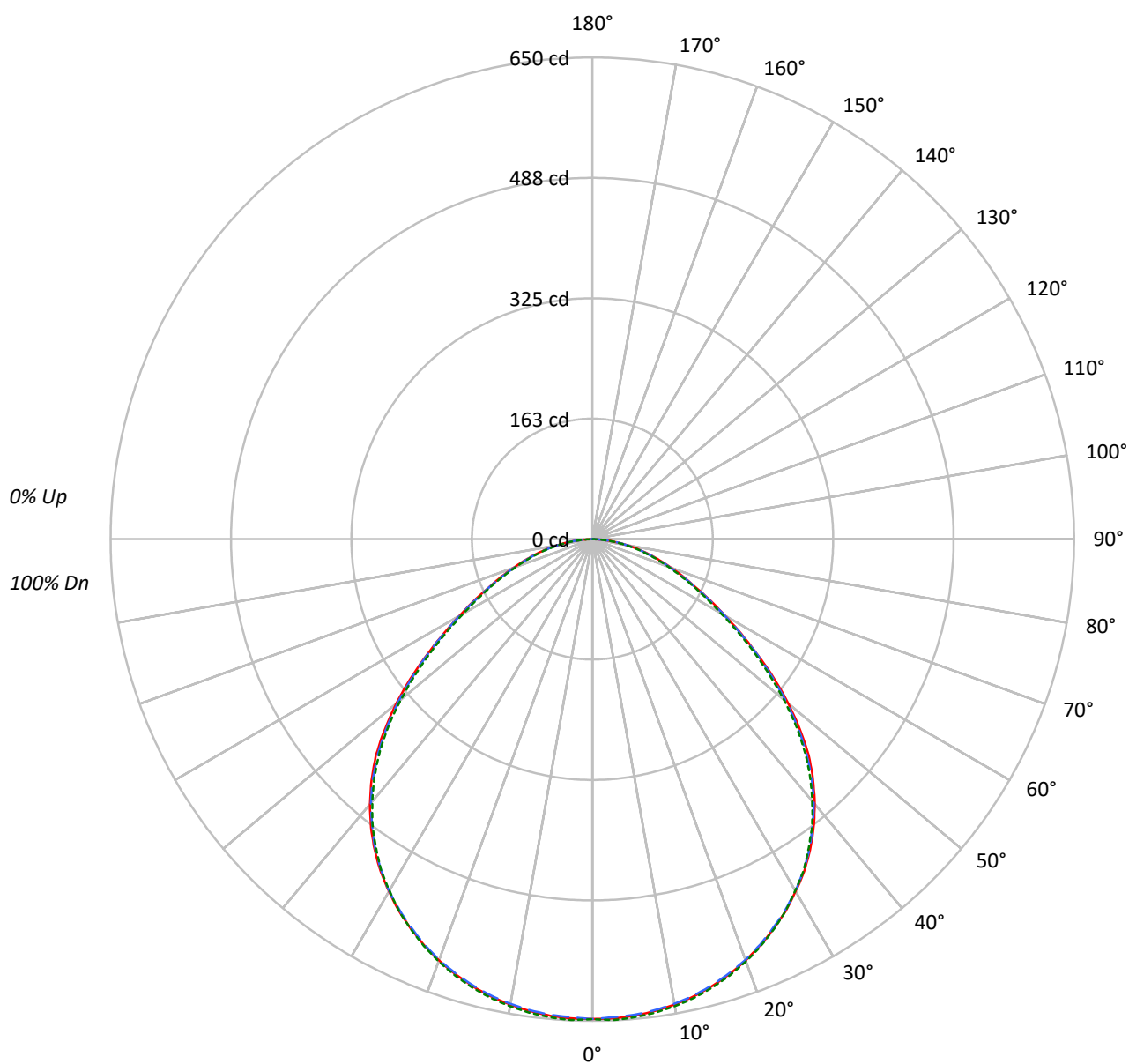
Lumens per Lamp: N/A
Luminaire Lumens: 1637.8 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1050382

CATALOG NUMBER: PTR-14-20-PR1-L935-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1050382

CATALOG NUMBER: PTR-14-20-PR1-L935-UNV-STD-W

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°	1743	1743	1743
5°	1744	1740	1750
10°	1743	1740	1749
15°	1740	1737	1745
20°	1732	1730	1737
25°	1721	1717	1723
30°	1706	1704	1702
35°	1682	1678	1671
40°	1640	1633	1622
45°	1571	1554	1542
50°	1446	1430	1412
55°	1279	1274	1249
60°	1112	1108	1078
65°	980	974	954
70°	889	876	858
75°	823	804	789
80°	752	741	716
85°	593	590	565

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1571 cd/sqm

TEST NUMBER: P1050382

CATALOG NUMBER: PTR-14-20-PR1-L935-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.4	3.8
10°-20°	176.3	10.8
20°-30°	267.1	16.3
30°-40°	318.9	19.5
40°-50°	313.6	19.1
50°-60°	242.4	14.8
60°-70°	152.8	9.3
70°-80°	82.7	5.0
80°-90°	22.6	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°	504.9	30.8
0°-40°	823.7	50.3
0°-60°	1379.7	84.2
0°-90°	1637.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1637.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	648	648	648	648	648	
5°	646	646	644	647	648	61
15°	624	625	624	626	626	176
25°	580	580	578	580	580	267
35°	512	512	511	510	509	320
45°	413	411	408	405	405	316
55°	273	275	272	267	266	245
65°	154	154	153	150	150	155
75°	79	78	77	78	76	84
85°	19	20	19	19	18	23
90°	0	0	0	0	0	

TEST NUMBER: P1050382

CATALOG NUMBER: PTR-14-20-PR1-L935-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	647.6	647.6	647.6	647.6	647.6
2.5°	647.3	647.6	645.7	648.8	649.5
5°	645.7	646.0	644.3	647.1	647.8
7.5°	642.5	643.0	641.4	644.1	644.8
10°	637.8	638.3	636.7	639.5	640.2
12.5°	632.1	632.2	630.9	633.4	634.1
15°	624.4	624.6	623.5	625.5	626.4
17.5°	615.5	615.8	614.2	616.7	617.2
20°	604.9	605.1	604.2	606.3	606.5
22.5°	593.0	593.5	592.1	594.0	594.2
25°	579.6	580.0	578.2	580.0	580.3
27.5°	565.5	565.6	564.0	565.5	565.2
30°	548.9	550.4	548.3	547.7	547.6
32.5°	531.8	532.0	530.0	529.4	530.4
35°	512.1	512.2	510.9	510.2	508.8
37.5°	490.5	490.5	487.9	487.4	487.2
40°	466.8	466.5	464.9	463.3	461.6
42.5°	441.0	441.5	438.2	435.4	435.0
45°	412.9	411.3	408.3	405.1	405.3
47.5°	379.8	380.2	376.0	373.4	372.8
50°	345.3	345.3	341.5	338.7	337.2
52.5°	309.4	309.7	306.0	302.3	301.5
55°	272.7	275.0	271.6	267.2	266.2
57.5°	238.4	240.3	237.0	232.3	232.1
60°	206.6	206.8	205.9	201.5	200.3
62.5°	179.5	178.3	177.8	175.5	174.1
65°	153.9	154.2	153.0	150.4	149.9
67.5°	133.2	133.0	130.9	129.3	128.4
70°	113.0	112.3	111.4	110.1	109.1
72.5°	95.0	95.0	94.2	93.8	92.2
75°	79.2	78.3	77.3	77.8	75.9
77.5°	64.1	63.2	62.4	61.5	61.1
80°	48.5	47.6	47.8	46.4	46.2
82.5°	33.6	33.6	33.2	32.0	32.3
85°	19.2	19.5	19.1	19.2	18.3
87.5°	7.0	7.2	7.7	7.2	7.2
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)