

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: P1050120

Luminaire Tested: PTR-14-60-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050120
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-60-L935-UNV-STD-W
Description: 8000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

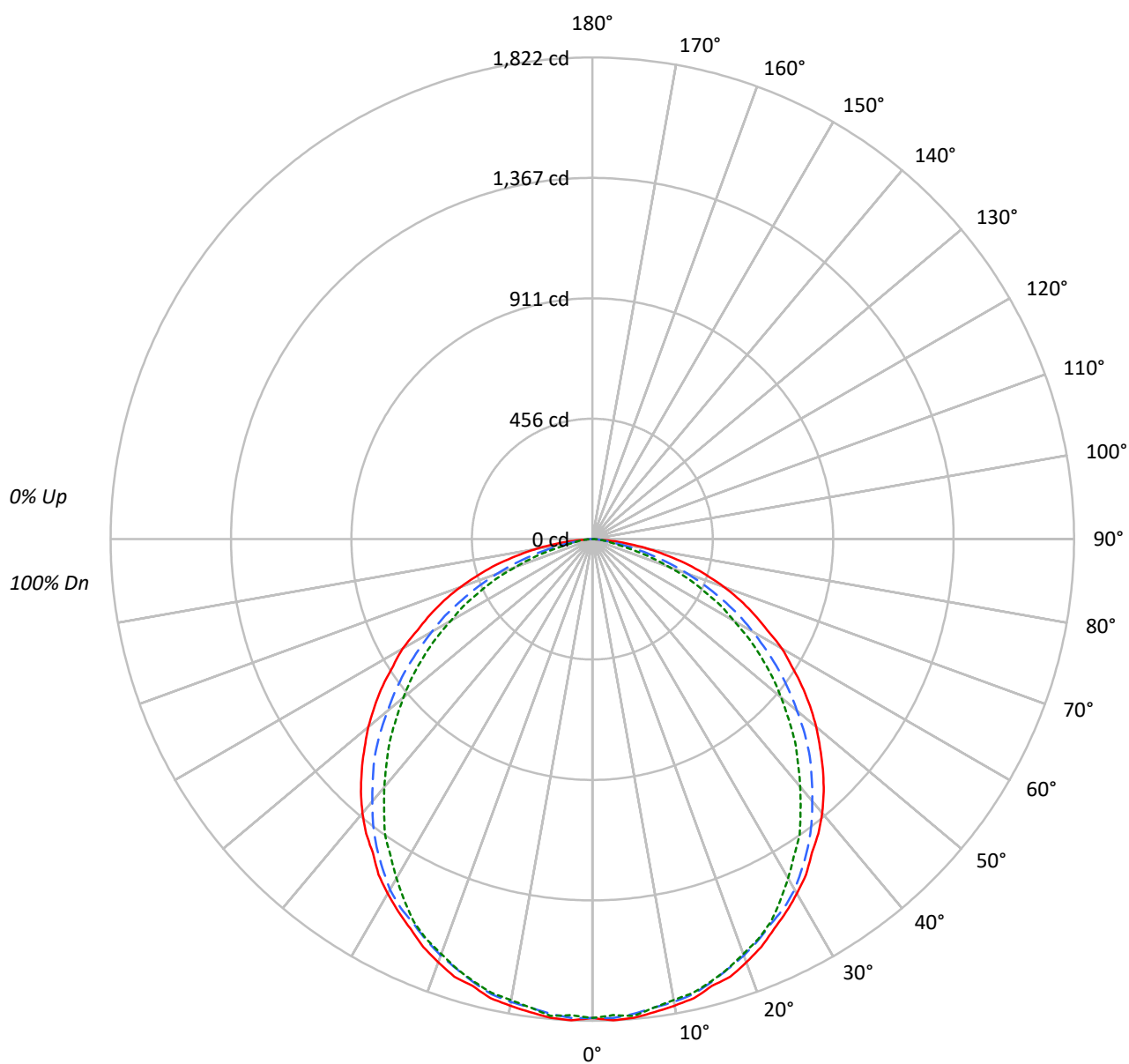
Lumens per Lamp: N/A
Luminaire Lumens: 4824.1 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 49.8
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	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	87	87	85
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	74	74	72
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	63	63	61
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	54	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	47	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	42	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	37	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	33	33	31
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	30	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	27	27	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4874	4874	4874
5°	4910	4869	4889
10°	4896	4857	4837
15°	4874	4835	4826
20°	4877	4800	4782
25°	4830	4759	4743
30°	4810	4756	4602
35°	4755	4670	4490
40°	4751	4547	4297
45°	4692	4429	4126
50°	4629	4231	3902
55°	4540	4033	3664
60°	4458	3773	3327
65°	4306	3461	2974
70°	4167	3013	2427
75°	3915	2378	1671
80°	3394	1438	1003
85°	2263	1031	966

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4692 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.7	3.6
10°-20°	491.3	10.2
20°-30°	742.0	15.4
30°-40°	882.3	18.3
40°-50°	894.8	18.5
50°-60°	777.0	16.1
60°-70°	551.6	11.4
70°-80°	263.6	5.5
80°-90°	50.0	1.0
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°	1405.0	29.1
0°-40°	2287.2	47.4
0°-60°	3959.0	82.1
0°-90°	4824.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4824.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1811	1811	1811	1811	1811	
5°	1818	1811	1802	1807	1810	173
15°	1750	1754	1736	1733	1732	496
25°	1627	1624	1603	1609	1598	751
35°	1448	1445	1422	1373	1367	910
45°	1233	1222	1164	1102	1084	951
55°	968	938	860	809	781	865
65°	676	626	544	485	467	670
75°	376	307	229	181	161	395
85°	73	39	33	32	31	93
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1811.1	1811.1	1811.1	1811.1	1811.1
2.5°	1821.9	1815.4	1813.2	1820.8	1802.5
5°	1817.6	1811.1	1802.5	1806.8	1810.0
7.5°	1804.6	1799.2	1787.4	1797.1	1787.4
10°	1791.7	1786.3	1777.6	1780.9	1770.1
12.5°	1778.7	1765.8	1763.6	1765.8	1758.2
15°	1749.6	1753.9	1735.6	1733.4	1732.3
17.5°	1735.6	1724.8	1705.4	1706.5	1704.3
20°	1703.2	1690.3	1676.2	1674.1	1669.8
22.5°	1669.8	1654.7	1641.7	1648.2	1638.5
25°	1626.6	1624.5	1602.9	1609.4	1597.5
27.5°	1588.9	1581.3	1571.6	1557.6	1540.3
30°	1547.9	1540.3	1530.6	1494.0	1481.0
32.5°	1504.7	1496.1	1476.7	1433.5	1419.5
35°	1447.6	1445.4	1421.7	1373.1	1366.7
37.5°	1404.4	1380.7	1361.3	1311.7	1293.3
40°	1352.6	1339.7	1294.4	1246.9	1223.2
42.5°	1295.5	1280.4	1228.6	1177.9	1152.0
45°	1232.9	1222.1	1163.9	1102.4	1084.1
47.5°	1168.2	1158.5	1089.5	1030.1	1006.4
50°	1105.6	1093.8	1010.7	953.5	932.0
52.5°	1037.7	1018.3	936.3	880.2	859.7
55°	967.6	938.4	859.7	809.0	781.0
57.5°	893.1	866.2	778.8	725.9	703.3
60°	828.4	790.7	701.1	647.2	618.1
62.5°	745.4	713.0	627.8	564.1	550.1
65°	676.3	625.6	543.6	485.4	467.1
67.5°	606.2	546.9	463.8	404.5	394.8
70°	529.6	468.1	382.9	324.7	308.5
72.5°	452.0	391.6	308.5	247.0	237.3
75°	376.5	307.4	228.7	181.2	160.7
77.5°	294.5	231.9	160.7	111.1	98.2
80°	219.0	156.4	92.8	65.8	64.7
82.5°	143.5	90.6	49.6	50.7	48.5
85°	73.3	38.8	33.4	32.4	31.3
87.5°	14.0	15.1	16.2	16.2	16.2
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)