

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: P1050365

Luminaire Tested: PTR-14-60-PP3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050365
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-14-60-PP3-L935-UNV-STD-W
Description: 8000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

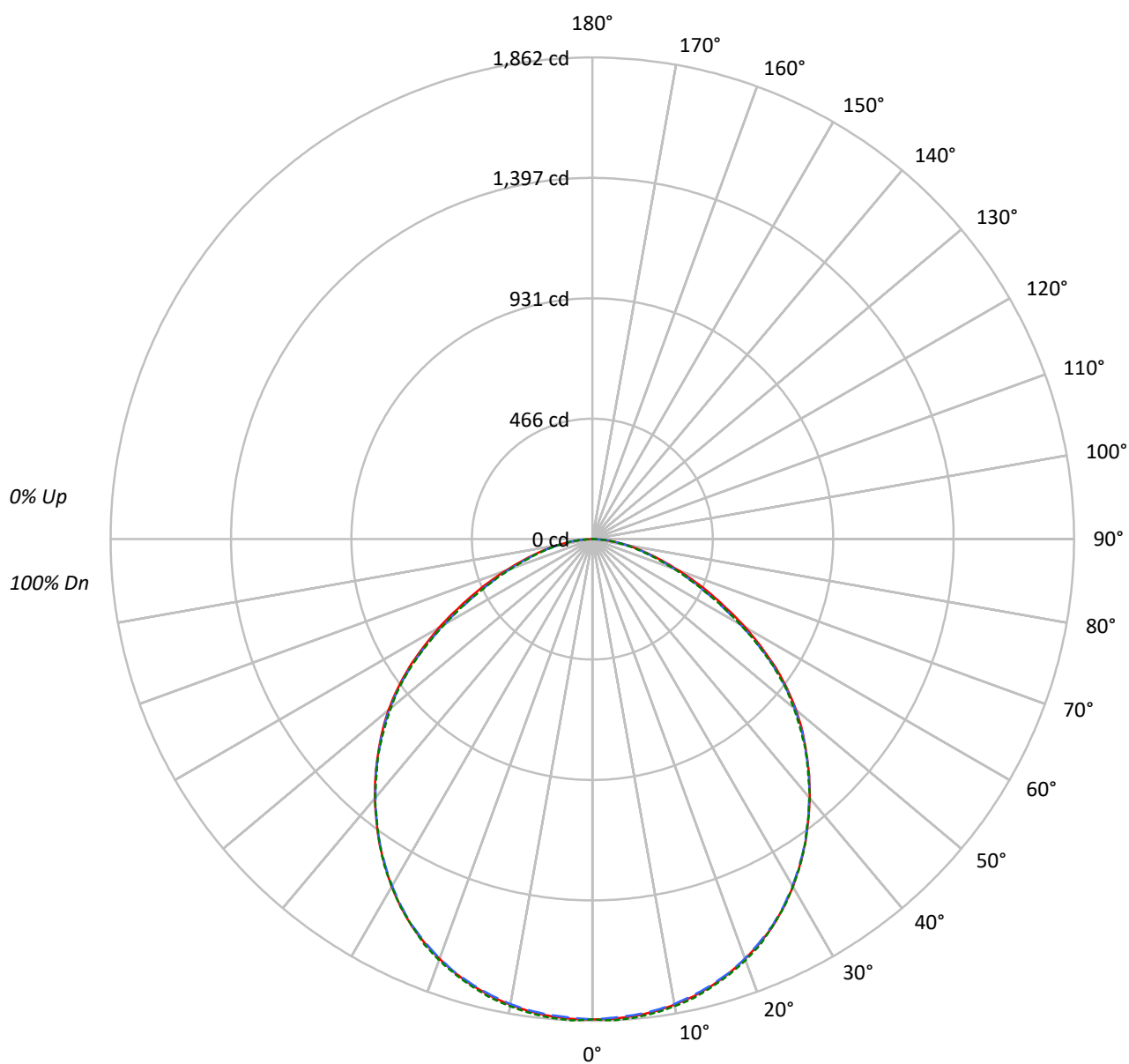
Lumens per Lamp: N/A
Luminaire Lumens: 4797.3 lumens
Efficiency: N/A
Efficacy: 96.3 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1050365

CATALOG NUMBER: PTR-14-60-PP3-L935-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1050365

CATALOG NUMBER: PTR-14-60-PP3-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	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°	4996	4996	4996
5°	5001	4990	5017
10°	4994	4987	5011
15°	4978	4968	4990
20°	4945	4940	4961
25°	4901	4893	4899
30°	4818	4808	4818
35°	4713	4707	4711
40°	4593	4578	4590
45°	4454	4442	4447
50°	4306	4285	4255
55°	4053	4006	3993
60°	3679	3554	3561
65°	3231	3068	3064
70°	2794	2666	2636
75°	2416	2327	2276
80°	2140	2111	2015
85°	1769	1831	1723

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 4470 cd/sqm

TEST NUMBER: P1050365

CATALOG NUMBER: PTR-14-60-PP3-L935-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.1	3.7
10°-20°	504.4	10.5
20°-30°	759.4	15.8
30°-40°	896.3	18.7
40°-50°	901.5	18.8
50°-60°	761.0	15.9
60°-70°	488.7	10.2
70°-80°	243.1	5.1
80°-90°	66.6	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°	1440.0	30.0
0°-40°	2336.3	48.7
0°-60°	3998.8	83.4
0°-90°	4797.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4797.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1857	1857	1857	1857	1857	
5°	1851	1852	1847	1856	1857	176
15°	1787	1787	1783	1791	1791	504
25°	1650	1651	1648	1651	1650	759
35°	1435	1436	1433	1434	1434	897
45°	1170	1175	1167	1169	1169	903
55°	864	863	854	850	851	769
65°	507	500	482	477	481	506
75°	232	231	224	222	219	251
85°	57	59	59	56	56	67
90°	0	0	0	0	0	

TEST NUMBER: P1050365

CATALOG NUMBER: PTR-14-60-PP3-L935-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1856.7	1856.7	1856.7	1856.7	1856.7
2.5°	1856.0	1856.7	1851.8	1860.6	1862.1
5°	1851.3	1851.8	1847.2	1856.0	1857.2
7.5°	1841.8	1842.5	1838.3	1846.4	1847.9
10°	1827.6	1829.8	1824.9	1832.5	1833.7
12.5°	1810.2	1810.9	1806.0	1814.8	1816.3
15°	1786.7	1787.2	1783.2	1791.3	1791.3
17.5°	1759.5	1760.2	1757.5	1764.4	1763.6
20°	1726.7	1728.6	1725.2	1729.9	1732.5
22.5°	1690.9	1691.7	1687.5	1693.6	1696.3
25°	1650.5	1651.0	1647.8	1651.0	1649.8
27.5°	1603.2	1604.5	1599.8	1603.2	1604.0
30°	1550.6	1554.0	1547.4	1550.1	1550.6
32.5°	1494.0	1496.0	1491.3	1492.1	1495.5
35°	1434.8	1435.5	1432.8	1434.0	1434.0
37.5°	1370.9	1373.5	1369.4	1371.3	1368.7
40°	1307.4	1304.7	1303.3	1304.7	1306.7
42.5°	1240.6	1241.3	1239.4	1237.9	1234.7
45°	1170.5	1174.7	1167.1	1168.6	1168.6
47.5°	1102.0	1102.5	1098.5	1094.4	1091.7
50°	1028.5	1028.5	1023.6	1020.4	1016.3
52.5°	948.2	947.0	941.6	938.1	940.1
55°	863.9	863.2	853.9	850.5	851.2
57.5°	771.6	773.1	758.9	755.5	755.5
60°	683.5	676.6	660.4	655.8	661.7
62.5°	590.9	582.8	565.4	565.4	570.1
65°	507.4	500.1	481.9	477.0	481.2
67.5°	429.3	422.4	405.8	403.1	404.3
70°	355.1	349.2	338.9	332.8	335.0
72.5°	291.2	285.8	278.9	274.3	271.6
75°	232.4	231.2	223.8	221.6	218.9
77.5°	183.9	183.4	177.3	174.6	171.9
80°	138.1	137.4	136.2	132.0	130.0
82.5°	98.4	98.4	97.7	94.3	92.3
85°	57.3	59.3	59.3	55.8	55.8
87.5°	23.0	24.2	23.0	23.0	22.3
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)