

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: P1050364

Luminaire Tested: PTR-14-60-PP3-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050364
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-L930-UNV-STD-W
Description: 8000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

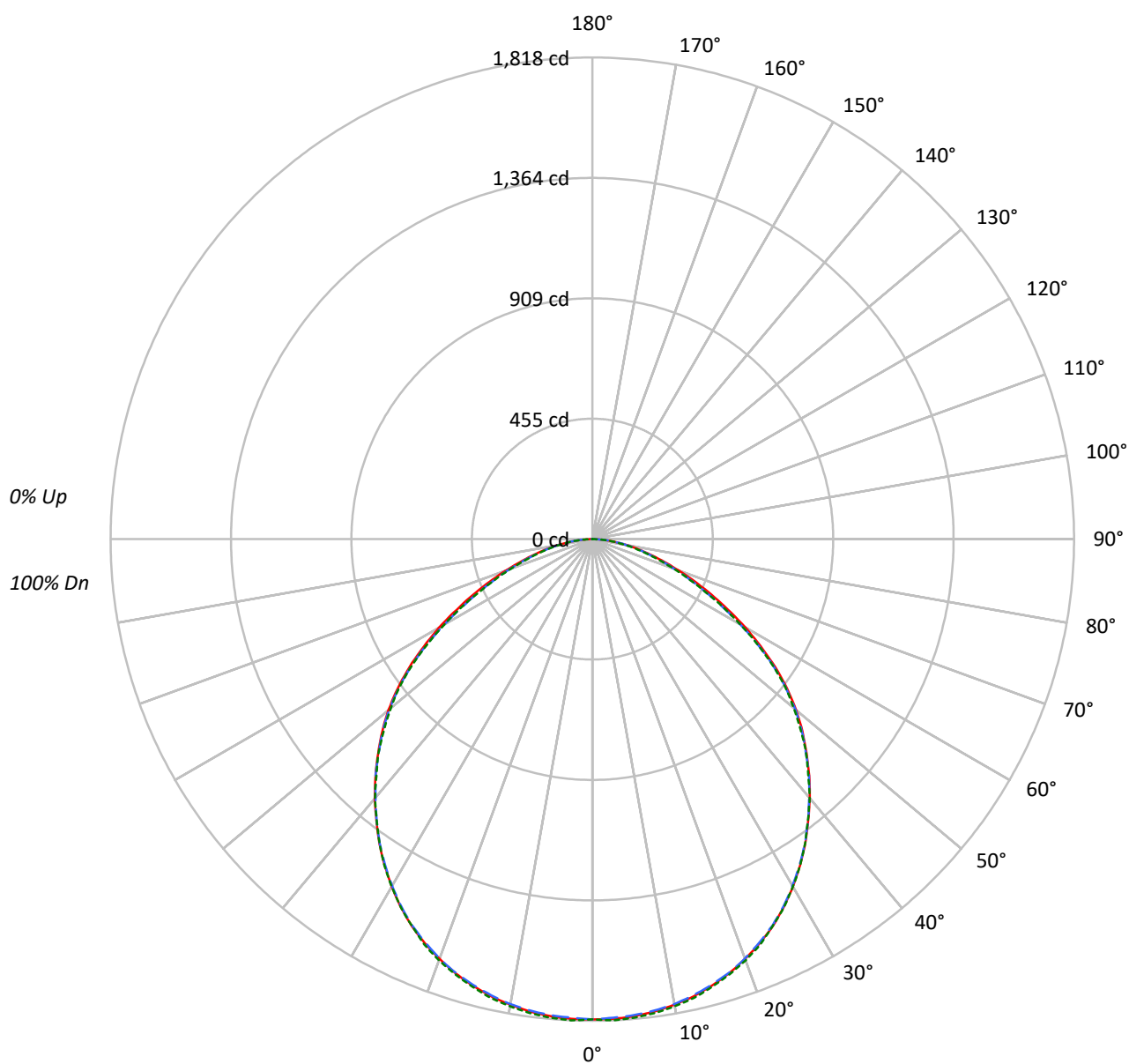
Lumens per Lamp: N/A
Luminaire Lumens: 4684.4 lumens
Efficiency: N/A
Efficacy: 94.1 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4879	4879	4879
5°	4883	4872	4899
10°	4876	4869	4893
15°	4860	4851	4873
20°	4828	4824	4845
25°	4785	4777	4783
30°	4705	4695	4705
35°	4602	4596	4600
40°	4485	4470	4482
45°	4350	4337	4343
50°	4204	4184	4155
55°	3958	3912	3900
60°	3592	3471	3477
65°	3155	2996	2992
70°	2728	2603	2574
75°	2359	2273	2223
80°	2091	2061	1968
85°	1729	1788	1683

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 4365 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.9	3.7
10°-20°	492.6	10.5
20°-30°	741.6	15.8
30°-40°	875.2	18.7
40°-50°	880.3	18.8
50°-60°	743.1	15.9
60°-70°	477.3	10.2
70°-80°	237.4	5.1
80°-90°	65.1	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°	1406.1	30.0
0°-40°	2281.3	48.7
0°-60°	3904.7	83.4
0°-90°	4684.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4684.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1813	1813	1813	1813	1813	
5°	1808	1808	1804	1812	1814	172
15°	1745	1745	1741	1749	1749	492
25°	1612	1612	1609	1612	1611	742
35°	1401	1402	1399	1400	1400	876
45°	1143	1147	1140	1141	1141	882
55°	844	843	834	830	831	750
65°	496	488	471	466	470	494
75°	227	226	219	216	214	246
85°	56	58	58	54	54	66
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1813.0	1813.0	1813.0	1813.0	1813.0
2.5°	1812.3	1813.0	1808.2	1816.8	1818.3
5°	1807.8	1808.2	1803.7	1812.3	1813.5
7.5°	1798.4	1799.1	1795.1	1803.0	1804.4
10°	1784.6	1786.7	1781.9	1789.3	1790.5
12.5°	1767.6	1768.3	1763.5	1772.1	1773.6
15°	1744.6	1745.1	1741.3	1749.2	1749.2
17.5°	1718.1	1718.8	1716.2	1722.9	1722.1
20°	1686.0	1688.0	1684.6	1689.2	1691.8
22.5°	1651.1	1651.8	1647.8	1653.8	1656.4
25°	1611.7	1612.2	1609.0	1612.2	1611.0
27.5°	1565.5	1566.7	1562.2	1565.5	1566.2
30°	1514.1	1517.5	1511.0	1513.6	1514.1
32.5°	1458.9	1460.8	1456.2	1457.0	1460.3
35°	1401.0	1401.7	1399.1	1400.3	1400.3
37.5°	1338.6	1341.2	1337.2	1339.1	1336.4
40°	1276.7	1274.0	1272.6	1274.0	1275.9
42.5°	1211.4	1212.1	1210.2	1208.8	1205.6
45°	1143.0	1147.1	1139.7	1141.1	1141.1
47.5°	1076.0	1076.5	1072.7	1068.6	1066.0
50°	1004.3	1004.3	999.5	996.4	992.4
52.5°	925.9	924.7	919.4	916.1	918.0
55°	843.6	842.9	833.8	830.5	831.2
57.5°	753.5	754.9	741.0	737.7	737.7
60°	667.4	660.7	644.9	640.4	646.1
62.5°	577.0	569.1	552.1	552.1	556.7
65°	495.5	488.3	470.6	465.8	469.9
67.5°	419.2	412.5	396.2	393.6	394.8
70°	346.7	341.0	330.9	325.0	327.1
72.5°	284.3	279.1	272.4	267.8	265.2
75°	226.9	225.7	218.6	216.4	213.8
77.5°	179.6	179.1	173.1	170.5	167.9
80°	134.9	134.1	133.0	128.9	127.0
82.5°	96.1	96.1	95.4	92.1	90.1
85°	56.0	57.9	57.9	54.5	54.5
87.5°	22.5	23.7	22.5	22.5	21.8
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)