

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: P1050462

Luminaire Tested: PTR-14-60-PW1-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050462
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737743)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-60-PW1-L930-UNV-STD-W
Description: 8000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

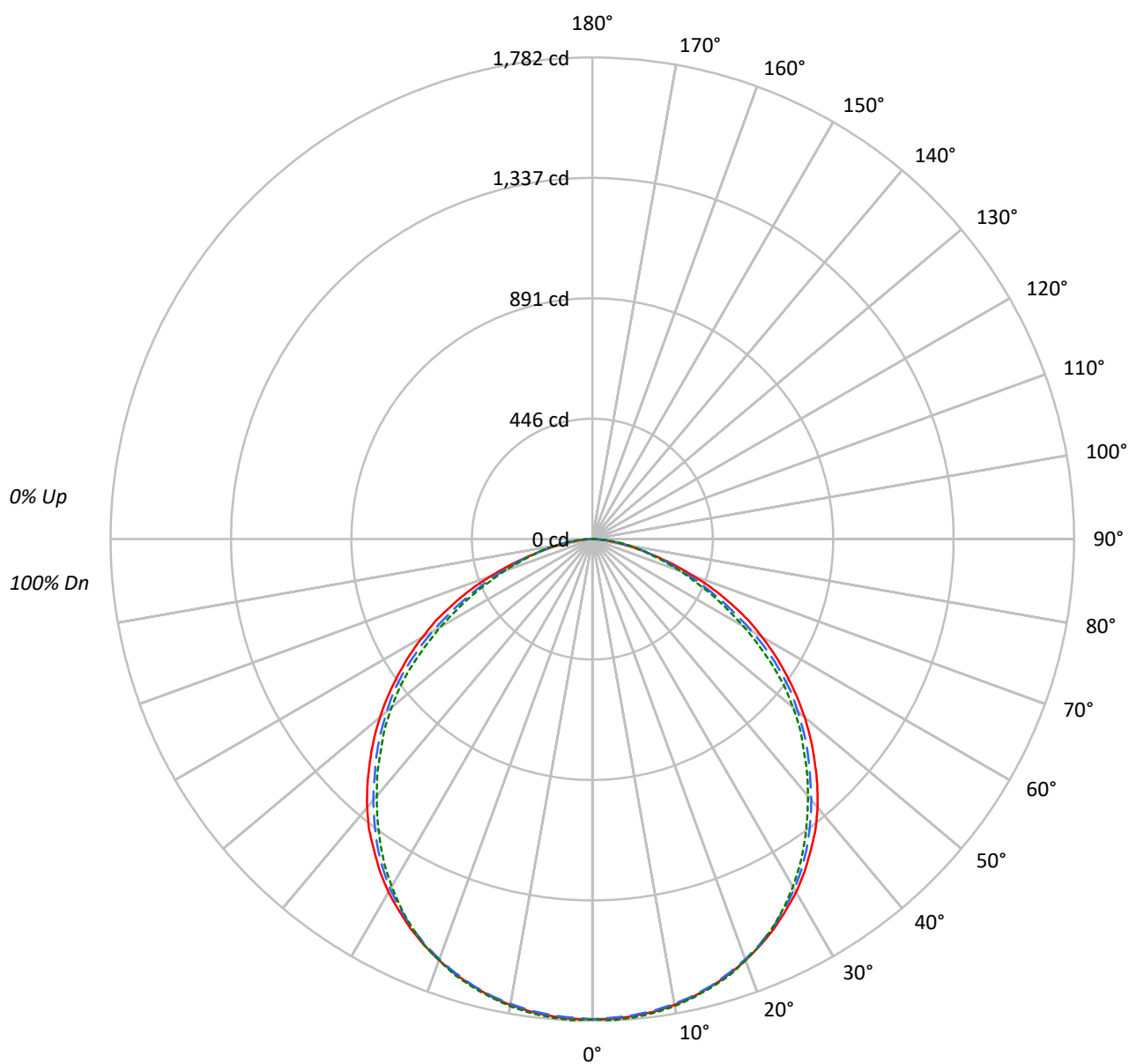
Lumens per Lamp: N/A
Luminaire Lumens: 4713.9 lumens
Efficiency: N/A
Efficacy: 94.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	95	98	95	92	94	92	90	91	89	87	87	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	74	74	71
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	57	68	61	56	66	60	55	64	59	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	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	33	33	31
9	58	44	36	31	56	44	36	31	43	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	28	38	32	27	27	27	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4780	4780	4780
5°	4784	4774	4798
10°	4782	4771	4795
15°	4767	4760	4778
20°	4748	4737	4748
25°	4722	4702	4698
30°	4685	4645	4612
35°	4623	4553	4495
40°	4552	4428	4358
45°	4426	4295	4208
50°	4292	4152	4056
55°	4114	3974	3816
60°	3900	3670	3478
65°	3608	3277	3114
70°	3127	2853	2745
75°	2496	2442	2375
80°	1898	2120	2120
85°	1402	1809	1809

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4426 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.4	3.6
10°-20°	483.2	10.2
20°-30°	730.2	15.5
30°-40°	867.1	18.4
40°-50°	873.5	18.5
50°-60°	755.1	16.0
60°-70°	516.1	10.9
70°-80°	254.5	5.4
80°-90°	65.8	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°	1381.8	29.3
0°-40°	2248.9	47.7
0°-60°	3877.5	82.3
0°-90°	4713.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4713.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1776	1776	1776	1776	1776	
5°	1771	1772	1767	1774	1776	168
15°	1711	1713	1709	1715	1715	483
25°	1590	1589	1584	1585	1582	733
35°	1407	1402	1386	1374	1368	881
45°	1163	1150	1129	1116	1106	898
55°	877	874	847	822	813	784
65°	567	546	515	492	489	559
75°	240	238	235	235	228	262
85°	45	53	59	60	59	56
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1776.3	1776.3	1776.3	1776.3	1776.3
2.5°	1775.8	1776.3	1771.7	1779.6	1781.5
5°	1771.0	1771.7	1767.2	1774.4	1776.3
7.5°	1762.6	1763.8	1758.6	1765.7	1767.2
10°	1750.0	1750.7	1746.1	1753.3	1754.7
12.5°	1733.0	1733.5	1729.6	1736.1	1736.1
15°	1711.2	1713.1	1708.6	1714.6	1715.0
17.5°	1686.8	1687.5	1683.0	1689.4	1690.9
20°	1657.9	1657.9	1654.1	1659.3	1657.9
22.5°	1625.6	1625.6	1621.0	1623.7	1624.9
25°	1590.2	1588.8	1583.5	1584.9	1582.3
27.5°	1549.3	1549.3	1540.0	1540.0	1535.4
30°	1507.9	1504.6	1494.8	1488.8	1484.2
32.5°	1460.3	1455.8	1443.3	1432.8	1429.5
35°	1407.2	1402.5	1386.0	1373.5	1368.3
37.5°	1355.8	1345.3	1323.5	1311.1	1305.1
40°	1295.8	1282.6	1260.4	1243.2	1240.5
42.5°	1231.5	1220.9	1192.0	1179.3	1176.2
45°	1163.1	1150.4	1128.6	1115.5	1105.7
47.5°	1095.8	1086.5	1061.6	1045.9	1042.5
50°	1025.3	1017.4	991.8	974.8	968.9
52.5°	952.3	947.1	925.3	903.6	896.4
55°	876.8	874.1	847.1	822.0	813.4
57.5°	802.4	799.0	765.3	736.4	728.5
60°	724.7	714.9	681.9	654.8	646.2
62.5°	651.0	630.0	594.3	573.3	563.5
65°	566.6	546.2	514.7	492.2	489.1
67.5°	483.8	459.4	435.0	421.2	410.6
70°	397.5	381.0	362.6	350.9	348.9
72.5°	317.1	305.4	296.1	288.9	282.9
75°	240.1	238.2	234.9	234.9	228.4
77.5°	176.5	181.0	183.7	183.0	184.4
80°	122.5	131.5	136.8	137.5	136.8
82.5°	77.7	88.3	96.9	98.1	99.5
85°	45.4	53.3	58.6	59.8	58.6
87.5°	20.3	25.6	27.0	28.2	27.0
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)