

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: P1050119

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

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050119
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-L930-UNV-STD-W
Description: 8000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

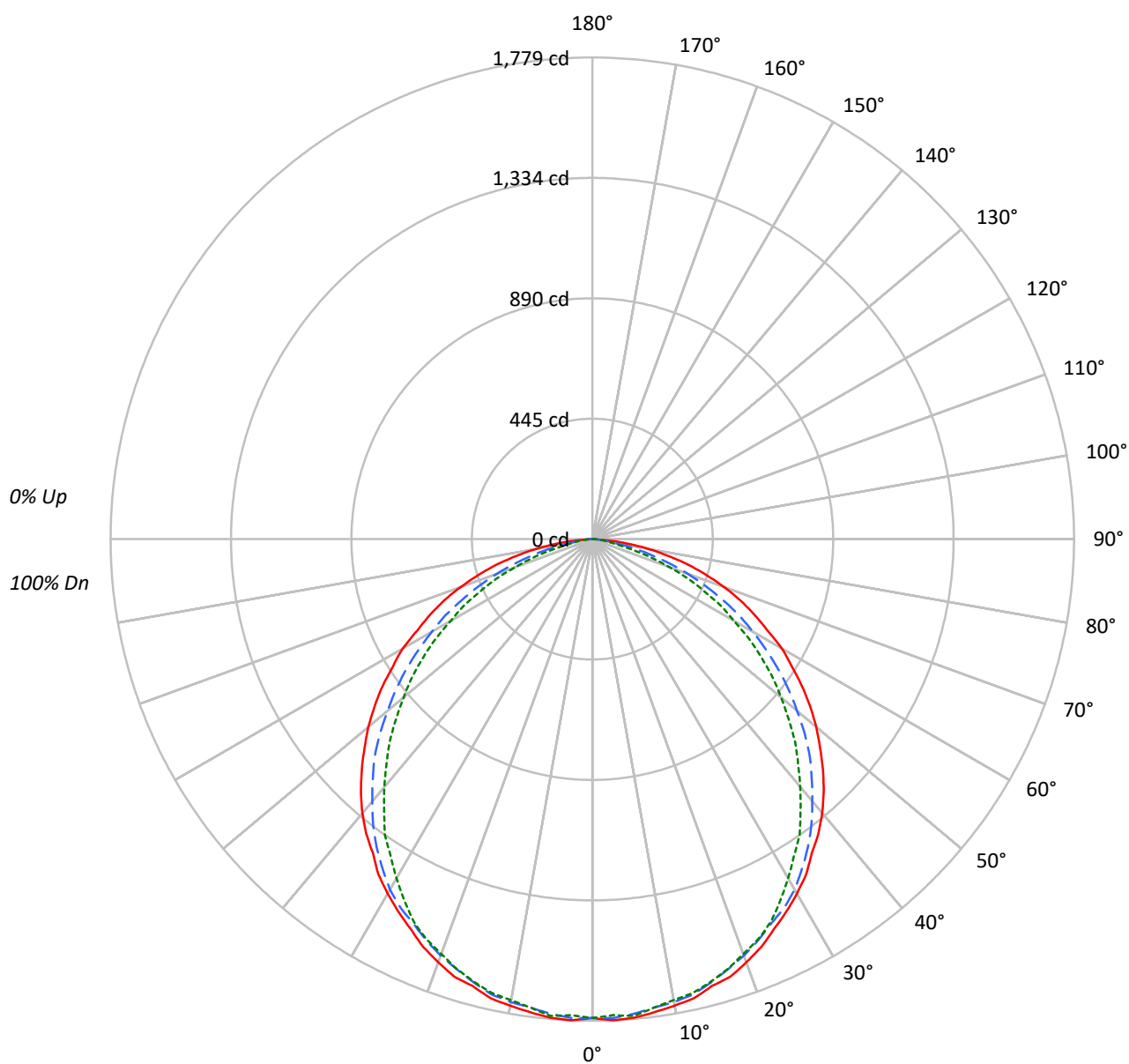
Lumens per Lamp: N/A
Luminaire Lumens: 4710.6 lumens
Efficiency: N/A
Efficacy: 94.6 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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°	4759	4759	4759
5°	4794	4754	4774
10°	4780	4743	4723
15°	4759	4721	4713
20°	4763	4687	4669
25°	4716	4647	4632
30°	4697	4644	4494
35°	4643	4560	4384
40°	4640	4440	4196
45°	4582	4325	4029
50°	4520	4132	3810
55°	4433	3939	3578
60°	4353	3684	3248
65°	4205	3380	2904
70°	4069	2942	2370
75°	3822	2322	1631
80°	3313	1404	979
85°	2211	1010	942

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.6	3.6
10°-20°	479.7	10.2
20°-30°	724.6	15.4
30°-40°	861.5	18.3
40°-50°	873.7	18.5
50°-60°	758.7	16.1
60°-70°	538.6	11.4
70°-80°	257.4	5.5
80°-90°	48.8	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°	1371.9	29.1
0°-40°	2233.4	47.4
0°-60°	3865.8	82.1
0°-90°	4710.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4710.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1768	1768	1768	1768	1768	
5°	1775	1768	1760	1764	1767	168
15°	1708	1713	1695	1693	1692	484
25°	1588	1586	1565	1572	1560	734
35°	1414	1411	1388	1341	1334	888
45°	1204	1193	1136	1076	1059	929
55°	945	916	840	790	763	844
65°	660	611	531	474	456	654
75°	368	300	223	177	157	385
85°	72	38	33	32	30	90
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1768.5	1768.5	1768.5	1768.5	1768.5
2.5°	1779.0	1772.7	1770.6	1777.9	1760.0
5°	1774.8	1768.5	1760.0	1764.3	1767.4
7.5°	1762.1	1756.9	1745.3	1754.8	1745.3
10°	1749.5	1744.2	1735.8	1739.0	1728.4
12.5°	1736.9	1724.2	1722.1	1724.2	1716.9
15°	1708.4	1712.6	1694.7	1692.6	1691.6
17.5°	1694.7	1684.2	1665.2	1666.3	1664.2
20°	1663.1	1650.5	1636.8	1634.7	1630.5
22.5°	1630.5	1615.7	1603.1	1609.4	1599.9
25°	1588.4	1586.3	1565.2	1571.5	1559.9
27.5°	1551.5	1544.1	1534.6	1520.9	1504.1
30°	1511.5	1504.1	1494.6	1458.8	1446.2
32.5°	1469.3	1460.9	1442.0	1399.8	1386.1
35°	1413.5	1411.4	1388.2	1340.8	1334.5
37.5°	1371.4	1348.2	1329.2	1280.8	1262.9
40°	1320.8	1308.2	1263.9	1217.6	1194.4
42.5°	1265.0	1250.3	1199.7	1150.2	1124.9
45°	1203.9	1193.4	1136.5	1076.5	1058.6
47.5°	1140.7	1131.2	1063.8	1005.9	982.7
50°	1079.6	1068.0	986.9	931.1	910.0
52.5°	1013.3	994.3	914.3	859.5	839.5
55°	944.8	916.4	839.5	790.0	762.6
57.5°	872.1	845.8	760.5	708.9	686.7
60°	808.9	772.1	684.6	632.0	603.5
62.5°	727.8	696.2	613.0	550.9	537.2
65°	660.4	610.9	530.9	474.0	456.1
67.5°	591.9	534.0	452.9	395.0	385.5
70°	517.2	457.1	373.9	317.0	301.2
72.5°	441.3	382.3	301.2	241.2	231.7
75°	367.6	300.2	223.3	177.0	156.9
77.5°	287.5	226.5	156.9	108.5	95.8
80°	213.8	152.7	90.6	64.3	63.2
82.5°	140.1	88.5	48.5	49.5	47.4
85°	71.6	37.9	32.7	31.6	30.5
87.5°	13.7	14.7	15.8	15.8	15.8
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)