

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: P1050319

Luminaire Tested: PTR-14-30-PP3-L830-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050319
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-14-30-PP3-L830-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 80 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

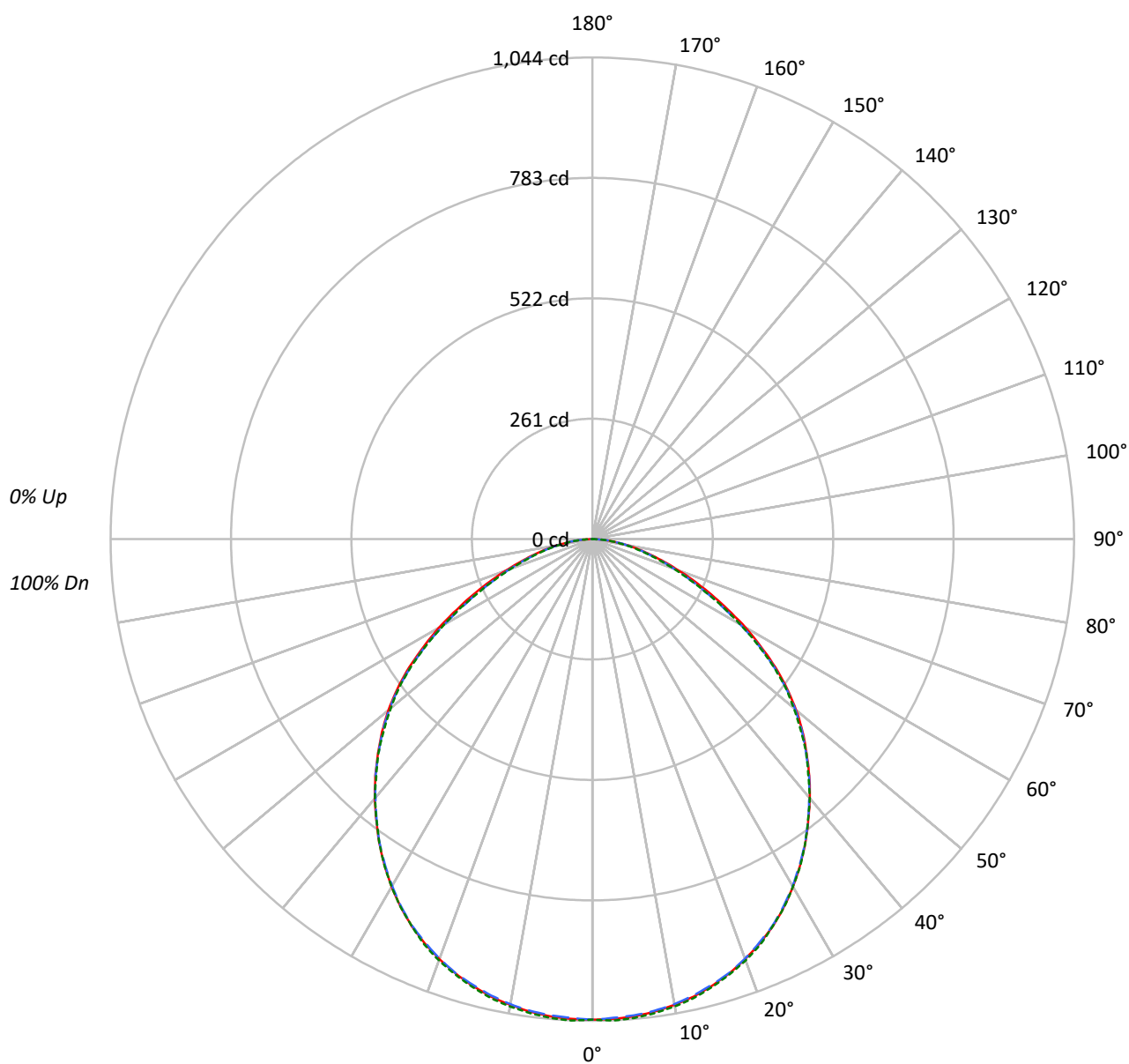
Lumens per Lamp: N/A
Luminaire Lumens: 2690.9 lumens
Efficiency: N/A
Efficacy: 117.0 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 23
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°	2803	2803	2803
5°	2805	2799	2814
10°	2801	2797	2810
15°	2792	2787	2799
20°	2773	2771	2783
25°	2749	2744	2748
30°	2703	2697	2703
35°	2644	2640	2643
40°	2576	2568	2575
45°	2499	2492	2495
50°	2415	2404	2386
55°	2274	2247	2240
60°	2063	1994	1997
65°	1812	1721	1719
70°	1567	1496	1478
75°	1356	1305	1277
80°	1201	1184	1130
85°	991	1025	966

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2508 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.8	3.7
10°-20°	283.0	10.5
20°-30°	426.0	15.8
30°-40°	502.8	18.7
40°-50°	505.7	18.8
50°-60°	426.9	15.9
60°-70°	274.2	10.2
70°-80°	136.4	5.1
80°-90°	37.4	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°	807.7	30.0
0°-40°	1310.5	48.7
0°-60°	2243.0	83.4
0°-90°	2690.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2690.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1042	1042	1042	1042	1042	
5°	1038	1039	1036	1041	1042	99
15°	1002	1002	1000	1005	1005	283
25°	926	926	924	926	925	426
35°	805	805	804	804	804	503
45°	657	659	655	656	656	507
55°	485	484	479	477	478	431
65°	285	280	270	268	270	284
75°	130	130	126	124	123	141
85°	32	33	33	31	31	38
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1041.5	1041.5	1041.5	1041.5	1041.5
2.5°	1041.0	1041.5	1038.7	1043.7	1044.5
5°	1038.4	1038.7	1036.1	1041.0	1041.7
7.5°	1033.1	1033.5	1031.2	1035.7	1036.5
10°	1025.1	1026.4	1023.6	1027.9	1028.5
12.5°	1015.4	1015.8	1013.0	1018.0	1018.8
15°	1002.2	1002.5	1000.3	1004.8	1004.8
17.5°	986.9	987.3	985.8	989.7	989.3
20°	968.5	969.6	967.7	970.3	971.8
22.5°	948.5	948.9	946.5	950.0	951.5
25°	925.8	926.1	924.3	926.1	925.4
27.5°	899.3	900.0	897.4	899.3	899.7
30°	869.8	871.7	868.0	869.5	869.8
32.5°	838.0	839.1	836.5	836.9	838.9
35°	804.8	805.2	803.7	804.4	804.4
37.5°	768.9	770.5	768.1	769.2	767.7
40°	733.4	731.9	731.0	731.9	733.0
42.5°	695.9	696.3	695.2	694.4	692.6
45°	656.6	658.9	654.7	655.5	655.5
47.5°	618.1	618.4	616.2	613.9	612.3
50°	576.9	576.9	574.2	572.4	570.0
52.5°	531.9	531.2	528.1	526.2	527.3
55°	484.6	484.2	479.0	477.1	477.5
57.5°	432.8	433.6	425.7	423.8	423.8
60°	383.4	379.5	370.5	367.8	371.1
62.5°	331.4	326.9	317.2	317.2	319.8
65°	284.6	280.5	270.3	267.6	269.9
67.5°	240.8	236.9	227.6	226.1	226.8
70°	199.2	195.9	190.1	186.7	187.9
72.5°	163.3	160.3	156.5	153.8	152.3
75°	130.4	129.7	125.5	124.3	122.8
77.5°	103.2	102.9	99.4	97.9	96.4
80°	77.5	77.1	76.4	74.0	72.9
82.5°	55.2	55.2	54.8	52.9	51.8
85°	32.1	33.2	33.2	31.3	31.3
87.5°	12.9	13.6	12.9	12.9	12.5
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)