

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: P1050322

Luminaire Tested: PTR-14-30-PP3-L835-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050322
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-L835-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

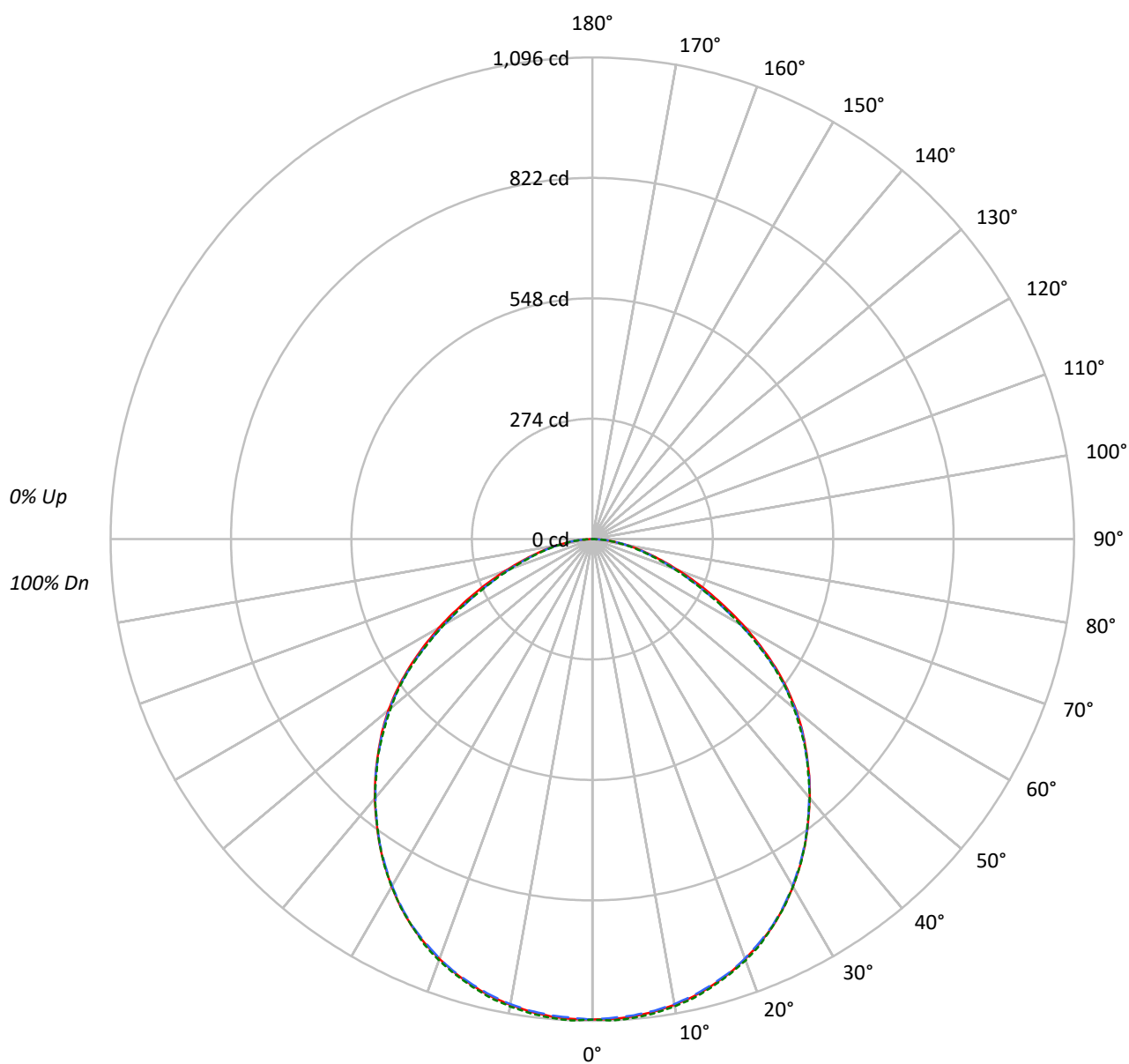
Lumens per Lamp: N/A
Luminaire Lumens: 2824.3 lumens
Efficiency: N/A
Efficacy: 122.8 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	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°	2942	2942	2942
5°	2944	2938	2954
10°	2940	2936	2950
15°	2930	2925	2938
20°	2911	2909	2921
25°	2885	2880	2884
30°	2837	2831	2837
35°	2775	2771	2774
40°	2704	2695	2702
45°	2622	2615	2618
50°	2535	2523	2505
55°	2386	2358	2351
60°	2166	2093	2097
65°	1902	1806	1804
70°	1644	1570	1552
75°	1422	1370	1340
80°	1260	1243	1187
85°	1041	1078	1016

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2632 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.7	3.7
10°-20°	297.0	10.5
20°-30°	447.1	15.8
30°-40°	527.7	18.7
40°-50°	530.7	18.8
50°-60°	448.0	15.9
60°-70°	287.7	10.2
70°-80°	143.1	5.1
80°-90°	39.2	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°	847.8	30.0
0°-40°	1375.5	48.7
0°-60°	2354.2	83.4
0°-90°	2824.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2824.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1093	1093	1093	1093	1093	
5°	1090	1090	1088	1093	1093	104
15°	1052	1052	1050	1055	1055	297
25°	972	972	970	972	971	447
35°	845	845	844	844	844	528
45°	689	692	687	688	688	532
55°	509	508	503	501	501	452
65°	299	294	284	281	283	298
75°	137	136	132	130	129	148
85°	34	35	35	33	33	40
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1093.1	1093.1	1093.1	1093.1	1093.1
2.5°	1092.7	1093.1	1090.2	1095.4	1096.3
5°	1089.9	1090.2	1087.5	1092.7	1093.4
7.5°	1084.3	1084.7	1082.3	1087.1	1087.9
10°	1076.0	1077.2	1074.4	1078.8	1079.6
12.5°	1065.7	1066.1	1063.3	1068.5	1069.3
15°	1051.9	1052.2	1049.9	1054.6	1054.6
17.5°	1035.9	1036.3	1034.7	1038.8	1038.3
20°	1016.6	1017.7	1015.7	1018.4	1020.0
22.5°	995.5	995.9	993.5	997.1	998.7
25°	971.7	972.0	970.1	972.0	971.3
27.5°	943.9	944.6	941.9	943.9	944.3
30°	912.9	914.9	911.0	912.6	912.9
32.5°	879.6	880.7	878.0	878.4	880.5
35°	844.7	845.1	843.5	844.3	844.3
37.5°	807.1	808.7	806.2	807.4	805.8
40°	769.7	768.1	767.3	768.1	769.3
42.5°	730.4	730.8	729.7	728.8	726.9
45°	689.1	691.6	687.1	688.0	688.0
47.5°	648.8	649.1	646.8	644.3	642.7
50°	605.5	605.5	602.6	600.8	598.3
52.5°	558.2	557.5	554.3	552.3	553.5
55°	508.6	508.2	502.7	500.7	501.1
57.5°	454.3	455.1	446.8	444.8	444.8
60°	402.4	398.3	388.8	386.1	389.6
62.5°	347.9	343.1	332.9	332.9	335.6
65°	298.7	294.4	283.7	280.8	283.3
67.5°	252.7	248.7	238.9	237.3	238.0
70°	209.0	205.6	199.5	195.9	197.2
72.5°	171.4	168.2	164.2	161.5	159.9
75°	136.8	136.1	131.8	130.5	128.9
77.5°	108.3	108.0	104.4	102.8	101.2
80°	81.3	80.9	80.2	77.7	76.6
82.5°	58.0	58.0	57.5	55.5	54.4
85°	33.7	34.9	34.9	32.9	32.9
87.5°	13.6	14.3	13.6	13.6	13.1
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)