

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: P1050233

Luminaire Tested: PTR-14-30-PL1-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050233
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737719)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-PL1-L930-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

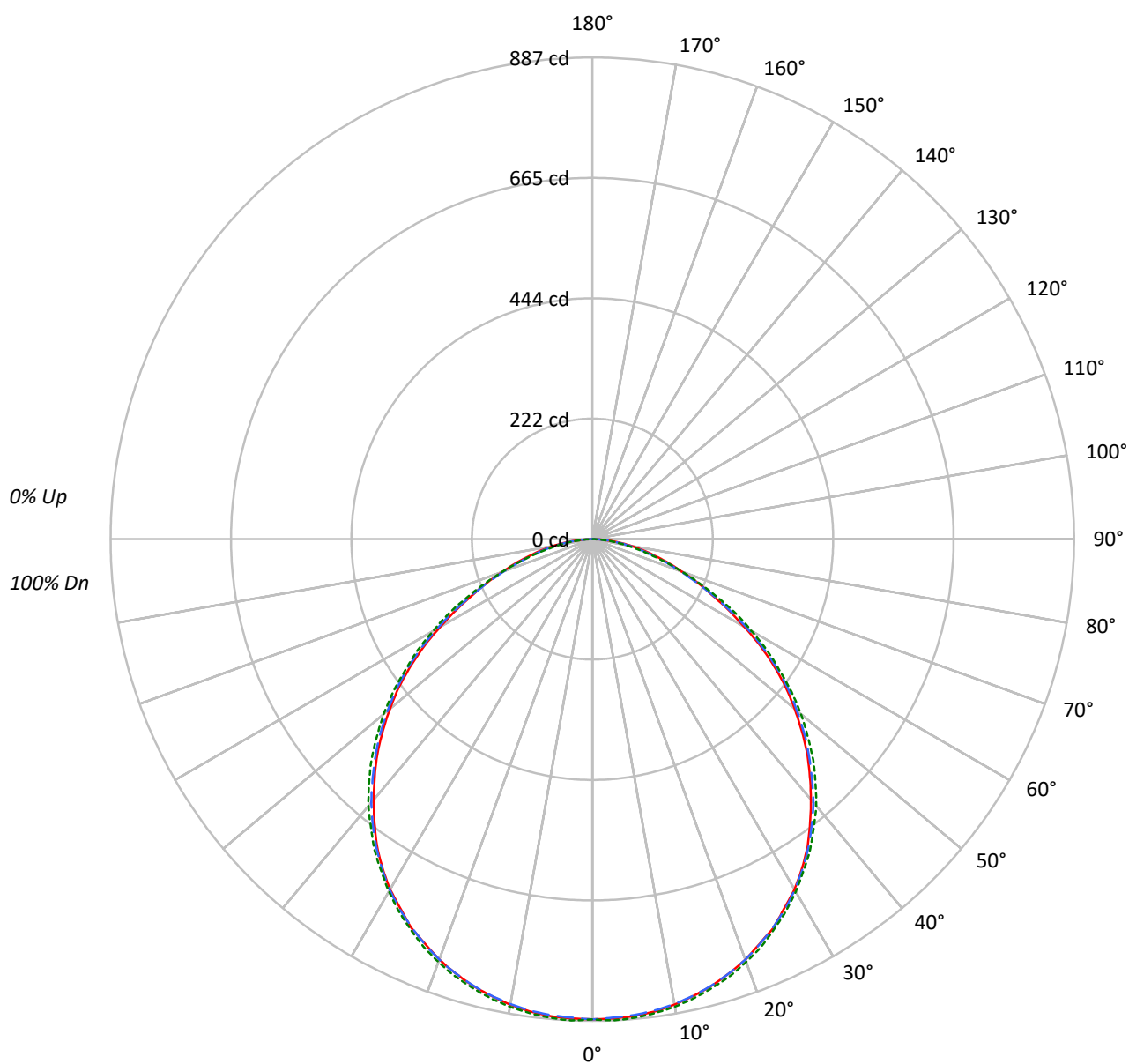
Lumens per Lamp: N/A
Luminaire Lumens: 2330.9 lumens
Efficiency: N/A
Efficacy: 101.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	98	95	93	94	92	90	91	89	87	87	87	85
2	100	92	86	80	97	90	84	79	87	82	77	83	79	75	80	77	74	74	74	72
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	63	63	61
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	55	55	55	52
5	77	65	56	49	75	64	55	49	61	54	49	60	53	48	58	52	48	48	48	46
6	71	58	50	43	69	57	49	43	56	48	43	54	47	42	52	47	42	42	42	40
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	37	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	34	34	32
9	58	44	36	31	56	44	36	31	43	36	31	42	35	30	41	35	30	30	30	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	28	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2380	2380	2380
5°	2381	2377	2390
10°	2379	2376	2389
15°	2371	2370	2382
20°	2359	2359	2373
25°	2344	2340	2353
30°	2314	2317	2328
35°	2270	2279	2297
40°	2199	2225	2253
45°	2131	2148	2189
50°	2037	2059	2099
55°	1918	1949	1972
60°	1740	1777	1821
65°	1545	1563	1625
70°	1382	1353	1387
75°	1247	1175	1151
80°	1133	1052	933
85°	960	871	750

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 2189 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.9	3.6
10°-20°	240.6	10.3
20°-30°	363.9	15.6
30°-40°	433.7	18.6
40°-50°	436.2	18.7
50°-60°	370.2	15.9
60°-70°	246.5	10.6
70°-80°	123.1	5.3
80°-90°	32.9	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°	688.3	29.5
0°-40°	1122.1	48.1
0°-60°	1928.4	82.7
0°-90°	2330.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2330.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	884	884	884	884	884	
5°	882	882	880	884	885	84
15°	851	852	851	854	855	240
25°	789	789	788	792	792	363
35°	691	692	694	698	699	431
45°	560	561	564	572	575	431
55°	409	412	416	419	420	364
65°	243	245	245	249	255	243
75°	120	118	113	110	111	129
85°	31	30	28	26	24	36
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	884.3	884.3	884.3	884.3	884.3
2.5°	883.5	884.3	881.9	886.2	887.2
5°	881.6	881.9	880.0	883.9	884.9
7.5°	877.4	877.7	875.7	880.0	880.6
10°	870.5	871.2	869.5	873.4	874.4
12.5°	861.6	862.6	860.9	865.2	865.9
15°	851.2	852.1	850.8	854.4	855.1
17.5°	838.3	839.0	838.3	841.6	843.6
20°	823.9	823.9	823.9	826.9	828.6
22.5°	805.9	807.6	806.9	810.8	812.5
25°	789.3	789.3	788.2	791.9	792.5
27.5°	765.9	768.6	768.3	771.5	772.2
30°	744.6	745.3	745.7	748.0	749.3
32.5°	718.8	719.4	720.5	723.7	724.0
35°	690.9	691.6	693.6	698.4	699.1
37.5°	658.6	662.1	663.8	669.0	669.6
40°	626.1	628.3	633.3	638.8	641.4
42.5°	593.0	595.6	598.6	606.1	608.4
45°	559.9	560.8	564.5	572.0	575.3
47.5°	523.2	526.2	529.4	535.9	538.0
50°	486.5	489.7	491.8	497.6	501.5
52.5°	449.5	452.5	454.8	458.3	462.3
55°	408.9	411.8	415.5	419.4	420.3
57.5°	367.6	370.8	373.2	377.4	381.7
60°	323.3	327.0	330.2	334.2	338.4
62.5°	282.1	283.7	287.0	293.6	299.8
65°	242.7	244.8	245.4	249.0	255.2
67.5°	210.0	210.0	207.0	208.3	215.2
70°	175.6	174.3	172.0	170.7	176.3
72.5°	147.7	146.1	141.2	138.9	141.9
75°	119.9	118.2	113.0	110.4	110.7
77.5°	96.3	93.7	89.4	84.9	83.9
80°	73.1	72.0	67.9	63.6	60.2
82.5°	51.8	49.5	47.1	44.5	41.9
85°	31.1	30.5	28.2	26.5	24.3
87.5°	12.7	12.7	12.1	11.4	10.8
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)