

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: P1050429

Luminaire Tested: PTR-14-30-PW1-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050429
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-14-30-PW1-L930-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

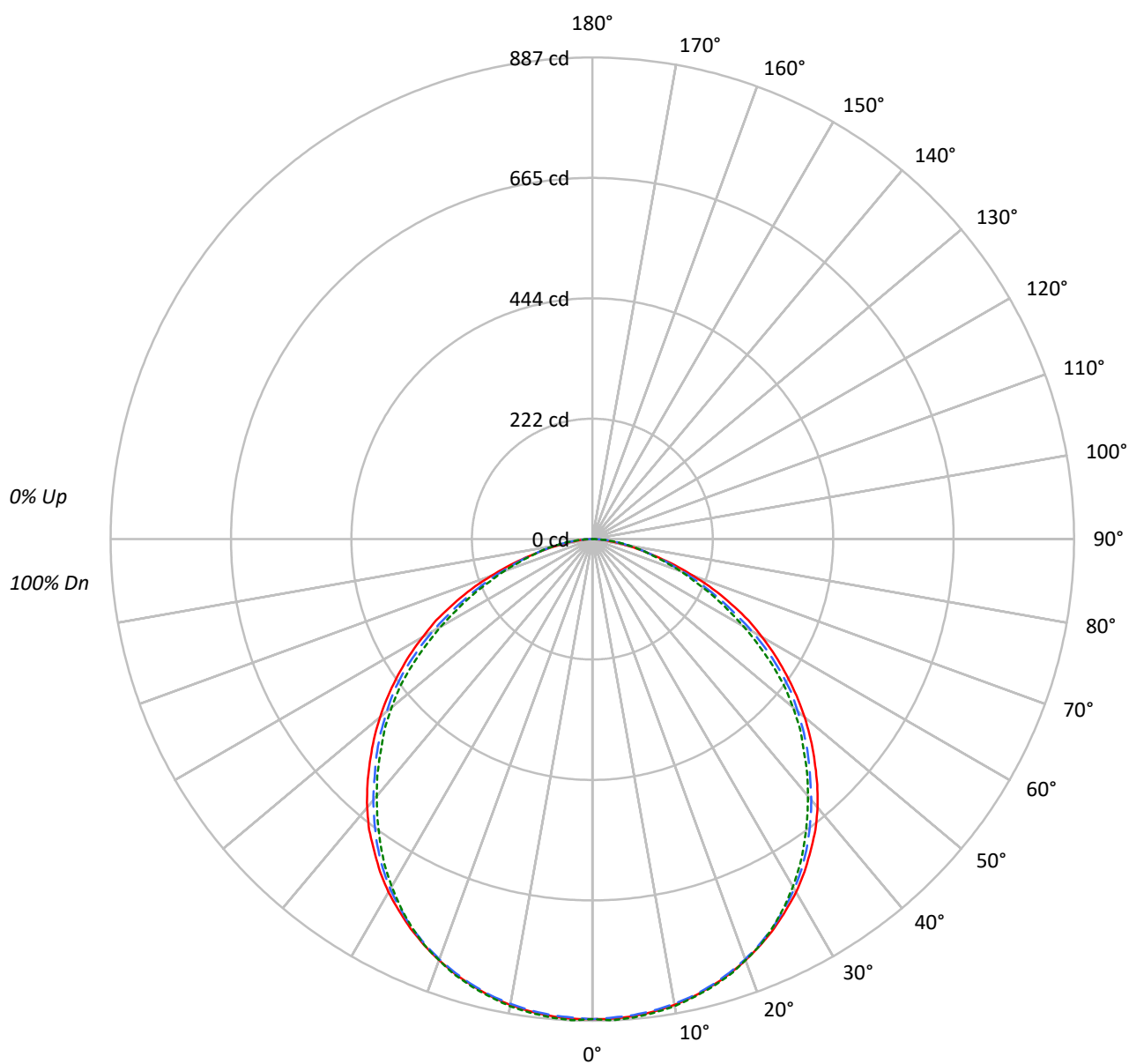
Lumens per Lamp: N/A
Luminaire Lumens: 2346.2 lumens
Efficiency: N/A
Efficacy: 102.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1050429

CATALOG NUMBER: PTR-14-30-PW1-L930-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1050429

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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	95	98	95	92	94	92	90	91	89	87	85		
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71		
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61		
4	84	72	63	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52		
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45		
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40		
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35		
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31		
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28		
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2379	2379	2379
5°	2381	2376	2388
10°	2380	2375	2387
15°	2373	2369	2378
20°	2363	2358	2363
25°	2350	2340	2339
30°	2332	2312	2296
35°	2301	2266	2237
40°	2266	2204	2169
45°	2203	2138	2094
50°	2136	2067	2019
55°	2047	1978	1900
60°	1941	1827	1731
65°	1796	1631	1550
70°	1556	1420	1367
75°	1242	1215	1182
80°	944	1055	1055
85°	698	902	902

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2203 cd/sqm

TEST NUMBER: P1050429

CATALOG NUMBER: PTR-14-30-PW1-L930-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.8	3.6
10°-20°	240.5	10.3
20°-30°	363.5	15.5
30°-40°	431.6	18.4
40°-50°	434.8	18.5
50°-60°	375.8	16.0
60°-70°	256.9	10.9
70°-80°	126.7	5.4
80°-90°	32.8	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°	687.8	29.3
0°-40°	1119.4	47.7
0°-60°	1930.0	82.3
0°-90°	2346.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2346.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	884	884	884	884	884	
5°	882	882	880	883	884	84
15°	852	853	850	853	854	240
25°	792	791	788	789	788	365
35°	700	698	690	684	681	438
45°	579	573	562	555	550	447
55°	436	435	422	409	405	390
65°	282	272	256	245	243	278
75°	120	119	117	117	114	130
85°	23	26	29	30	29	28
90°	0	0	0	0	0	

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CATALOG NUMBER: PTR-14-30-PW1-L930-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	884.1	884.1	884.1	884.1	<i>884.1</i>
2.5°	<i>883.9</i>	<i>884.1</i>	<i>881.8</i>	<i>885.8</i>	<i>886.7</i>
5°	881.5	881.8	879.6	883.2	<i>884.1</i>
7.5°	877.3	877.9	875.3	878.9	<i>879.6</i>
10°	871.0	871.4	869.1	872.7	<i>873.4</i>
12.5°	862.6	862.8	860.9	864.1	<i>864.1</i>
15°	851.7	852.7	850.4	853.4	<i>853.6</i>
17.5°	839.6	839.9	837.7	840.9	<i>841.6</i>
20°	825.2	825.2	823.3	825.9	<i>825.2</i>
22.5°	809.1	809.1	806.8	808.2	<i>808.8</i>
25°	791.5	790.8	788.2	788.9	<i>787.6</i>
27.5°	771.1	771.1	766.5	766.5	<i>764.2</i>
30°	750.5	748.9	744.0	741.0	<i>738.8</i>
32.5°	726.9	724.6	718.4	713.2	<i>711.5</i>
35°	700.4	698.0	689.8	683.6	<i>681.0</i>
37.5°	674.8	669.6	658.8	652.6	<i>649.6</i>
40°	645.0	638.4	627.3	618.8	<i>617.5</i>
42.5°	612.9	607.7	593.3	587.0	<i>585.4</i>
45°	578.9	572.6	561.7	555.2	<i>550.3</i>
47.5°	545.4	540.8	528.4	520.6	<i>518.9</i>
50°	510.3	506.4	493.7	485.2	<i>482.2</i>
52.5°	474.0	471.4	460.6	449.7	<i>446.2</i>
55°	436.4	435.1	421.6	409.1	<i>404.9</i>
57.5°	399.4	397.7	380.9	366.5	<i>362.6</i>
60°	360.7	355.8	339.4	325.9	<i>321.6</i>
62.5°	324.0	313.5	295.8	285.3	<i>280.5</i>
65°	282.0	271.9	256.2	245.0	<i>243.4</i>
67.5°	240.8	228.7	216.5	209.6	<i>204.4</i>
70°	197.8	189.6	180.5	174.6	<i>173.7</i>
72.5°	157.8	152.0	147.4	143.8	<i>140.8</i>
75°	119.5	118.6	116.9	116.9	<i>113.7</i>
77.5°	87.9	90.1	91.4	91.1	<i>91.8</i>
80°	60.9	65.5	68.1	68.4	<i>68.1</i>
82.5°	38.7	43.9	48.2	48.8	<i>49.5</i>
85°	22.6	26.5	29.2	29.8	<i>29.2</i>
87.5°	10.1	12.7	13.5	14.0	<i>13.5</i>
90°	0.0	0.0	0.0	0.0	<i>0.0</i>



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)