

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: P1050135

Luminaire Tested: PTR-14-30-PB1-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050135
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737703)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-PB1-L930-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

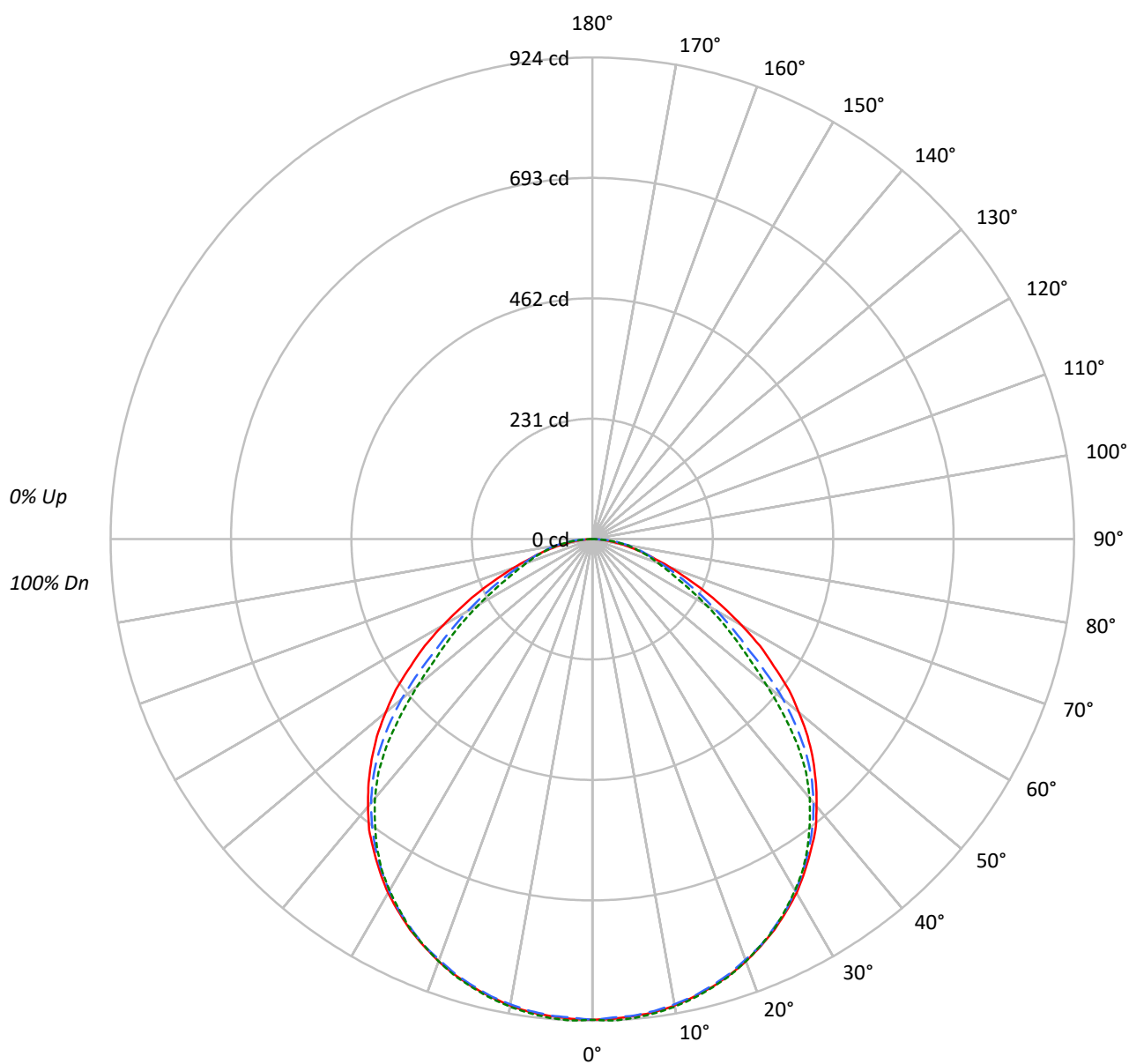
Lumens per Lamp: N/A
Luminaire Lumens: 2299.2 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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: P1050135

CATALOG NUMBER: PTR-14-30-PB1-L930-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1050135

CATALOG NUMBER: PTR-14-30-PB1-L930-UNV-STD-W

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	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86		
2	100	93	86	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73		
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	64	62		
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54		
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47		
6	72	60	51	45	71	59	51	45	57	50	44	55	49	44	54	48	44	42		
7	67	54	46	40	66	53	45	40	52	45	39	51	44	39	49	43	39	37		
8	63	50	41	36	61	49	41	36	48	41	35	46	40	35	45	39	35	33		
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30		
10	55	42	34	29	54	42	34	29	41	34	29	40	33	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2481	2481	2481
5°	2481	2478	2491
10°	2482	2476	2488
15°	2477	2471	2480
20°	2468	2459	2468
25°	2455	2445	2451
30°	2435	2421	2417
35°	2399	2381	2366
40°	2351	2319	2279
45°	2279	2205	2115
50°	2165	1999	1828
55°	1995	1697	1575
60°	1777	1483	1349
65°	1524	1286	1149
70°	1258	1134	1053
75°	1061	1084	1026
80°	897	1106	1055
85°	701	1121	982

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2279 cd/sqm

TEST NUMBER: P1050135

CATALOG NUMBER: PTR-14-30-PB1-L930-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.4	3.8
10°-20°	250.9	10.9
20°-30°	380.0	16.5
30°-40°	452.8	19.7
40°-50°	442.8	19.3
50°-60°	334.9	14.6
60°-70°	205.8	8.9
70°-80°	109.6	4.8
80°-90°	35.0	1.5
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°	718.3	31.2
0°-40°	1171.1	50.9
0°-60°	1948.8	84.8
0°-90°	2299.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2299.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	922	922	922	922	922	
5°	919	920	918	921	922	87
15°	889	890	887	890	890	251
25°	827	826	823	824	826	381
35°	730	729	725	721	720	457
45°	599	596	580	560	556	461
55°	425	404	362	341	336	381
65°	239	220	202	186	180	238
75°	102	103	104	101	99	109
85°	23	30	36	34	32	27
90°	0	0	0	0	0	

TEST NUMBER: P1050135

CATALOG NUMBER: PTR-14-30-PB1-L930-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	922.1	922.1	922.1	922.1	922.1
2.5°	921.0	922.1	918.6	923.2	924.3
5°	918.6	919.8	917.5	921.0	922.1
7.5°	915.3	915.3	913.0	916.3	917.5
10°	908.5	908.5	906.2	909.6	910.7
12.5°	899.4	899.4	898.2	900.5	901.7
15°	889.2	890.3	886.9	890.3	890.3
17.5°	876.7	875.6	874.4	876.7	877.9
20°	861.9	861.9	858.6	860.9	861.9
22.5°	844.9	844.9	843.8	844.9	843.8
25°	826.8	825.6	823.4	824.5	825.6
27.5°	805.3	805.3	803.0	803.0	801.8
30°	783.7	782.5	779.2	776.9	778.0
32.5°	757.6	756.4	753.1	750.8	751.9
35°	730.4	729.3	724.8	721.3	720.2
37.5°	703.2	699.8	694.0	689.5	685.0
40°	669.2	665.7	660.1	649.9	648.7
42.5°	635.1	631.8	622.6	610.2	606.8
45°	598.8	595.5	579.5	560.2	555.7
47.5°	560.2	554.6	529.6	505.8	496.7
50°	517.2	507.0	477.5	446.9	436.6
52.5°	475.2	457.1	418.5	391.3	381.1
55°	425.3	403.8	361.8	341.4	335.7
57.5°	381.1	351.6	317.6	297.2	292.7
60°	330.1	302.8	275.6	257.4	250.6
62.5°	283.5	259.7	237.1	221.1	213.3
65°	239.3	220.0	201.9	186.0	180.4
67.5°	196.2	186.0	171.2	158.8	155.4
70°	159.9	154.2	144.1	138.4	133.8
72.5°	127.0	129.3	122.5	120.3	116.8
75°	102.0	103.2	104.3	101.0	98.7
77.5°	77.2	82.8	87.3	85.0	82.8
80°	57.9	63.5	71.4	68.1	68.1
82.5°	39.6	46.6	53.3	51.1	49.9
85°	22.7	29.5	36.3	34.1	31.8
87.5°	9.0	14.8	15.8	15.8	14.8
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)