

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: P1050138

Luminaire Tested: PTR-14-30-PB1-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050138
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-L935-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

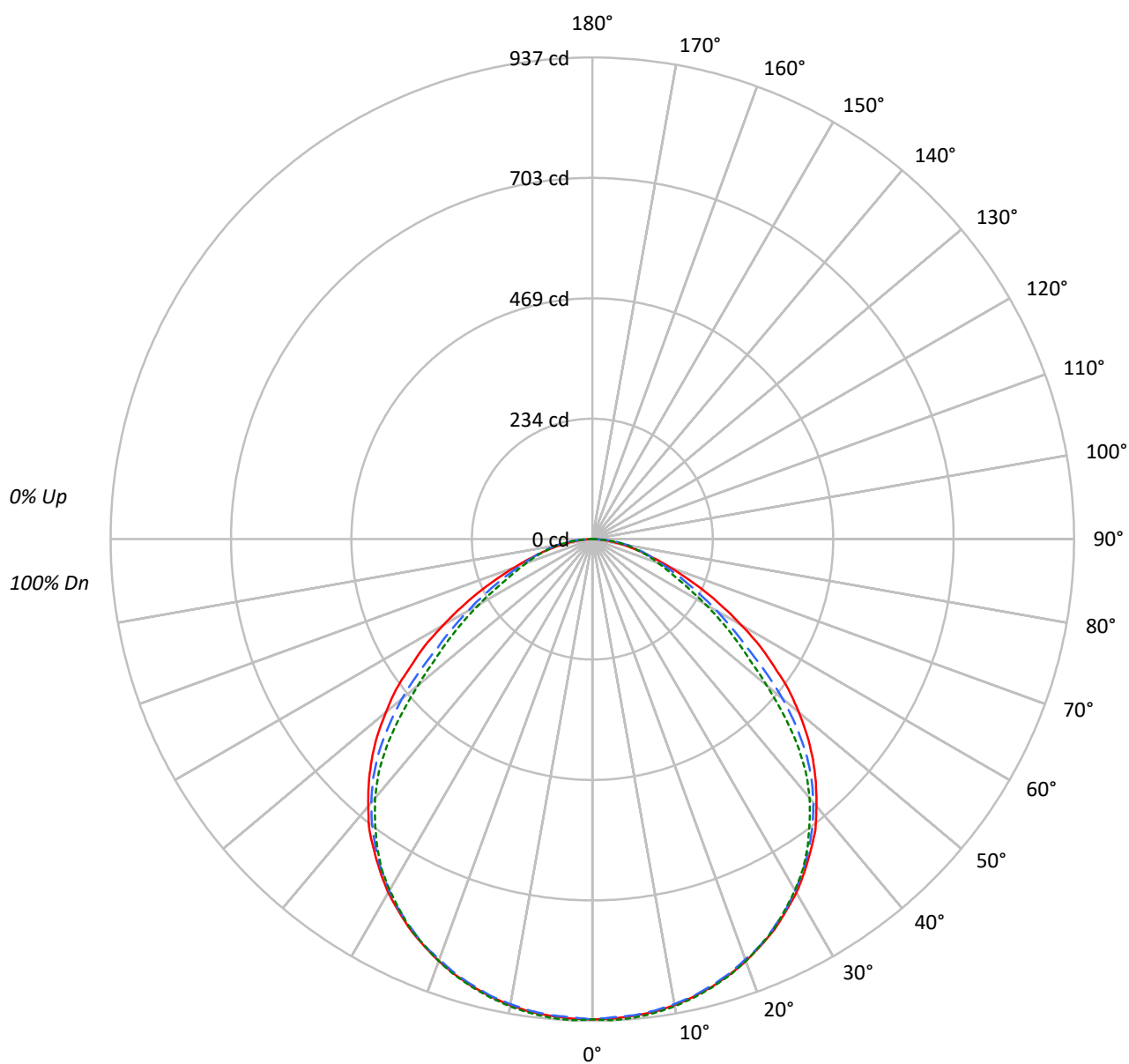
Lumens per Lamp: N/A
Luminaire Lumens: 2329.9 lumens
Efficiency: N/A
Efficacy: 101.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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

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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	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°	2514	2514	2514
5°	2515	2512	2524
10°	2516	2509	2522
15°	2510	2504	2513
20°	2501	2492	2501
25°	2488	2477	2484
30°	2468	2454	2450
35°	2431	2413	2398
40°	2382	2350	2309
45°	2309	2235	2143
50°	2194	2025	1852
55°	2022	1720	1596
60°	1800	1503	1367
65°	1544	1303	1164
70°	1275	1149	1067
75°	1075	1099	1040
80°	908	1122	1069
85°	710	1136	994

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2309 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.6	3.8
10°-20°	254.2	10.9
20°-30°	385.1	16.5
30°-40°	458.8	19.7
40°-50°	448.7	19.3
50°-60°	339.4	14.6
60°-70°	208.5	9.0
70°-80°	111.1	4.8
80°-90°	35.4	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°	727.9	31.2
0°-40°	1186.7	50.9
0°-60°	1974.9	84.8
0°-90°	2329.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2329.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	934	934	934	934	934	
5°	931	932	930	933	934	89
15°	901	902	899	902	902	254
25°	838	837	834	836	837	386
35°	740	739	734	731	730	463
45°	607	603	587	568	563	467
55°	431	409	367	346	340	386
65°	242	223	205	188	183	241
75°	103	105	106	102	100	111
85°	23	30	37	34	32	28
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	934.4	934.4	934.4	934.4	934.4
2.5°	933.3	934.4	930.9	935.6	936.7
5°	930.9	932.1	929.8	933.3	934.4
7.5°	927.5	927.5	925.2	928.6	929.8
10°	920.6	920.6	918.3	921.7	922.9
12.5°	911.5	911.5	910.2	912.5	913.7
15°	901.1	902.2	898.8	902.2	902.2
17.5°	888.4	887.3	886.1	888.4	889.6
20°	873.4	873.4	870.1	872.4	873.4
22.5°	856.2	856.2	855.1	856.2	855.1
25°	837.9	836.6	834.4	835.6	836.6
27.5°	816.0	816.0	813.7	813.7	812.5
30°	794.2	793.0	789.6	787.3	788.4
32.5°	767.7	766.5	763.2	760.9	762.0
35°	740.1	739.0	734.4	730.9	729.9
37.5°	712.6	709.1	703.3	698.7	694.1
40°	678.1	674.6	668.9	658.6	657.3
42.5°	643.6	640.2	630.9	618.4	614.9
45°	606.8	603.4	587.2	567.7	563.1
47.5°	567.7	562.0	536.7	512.6	503.4
50°	524.1	513.8	483.8	452.8	442.5
52.5°	481.5	463.2	424.1	396.5	386.2
55°	431.0	409.2	366.7	345.9	340.1
57.5°	386.2	356.3	321.8	301.2	296.6
60°	334.5	306.8	279.3	260.9	254.0
62.5°	287.3	263.2	240.2	224.1	216.1
65°	242.5	223.0	204.6	188.5	182.8
67.5°	198.8	188.5	173.5	161.0	157.5
70°	162.0	156.3	146.0	140.2	135.6
72.5°	128.7	131.0	124.2	121.9	118.4
75°	103.4	104.6	105.7	102.3	100.0
77.5°	78.2	83.9	88.4	86.2	83.9
80°	58.6	64.3	72.4	69.0	69.0
82.5°	40.2	47.2	54.1	51.8	50.6
85°	23.0	29.9	36.8	34.5	32.2
87.5°	9.2	15.0	16.0	16.0	15.0
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)