

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: P1050432

Luminaire Tested: PTR-14-30-PW1-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050432
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-L935-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

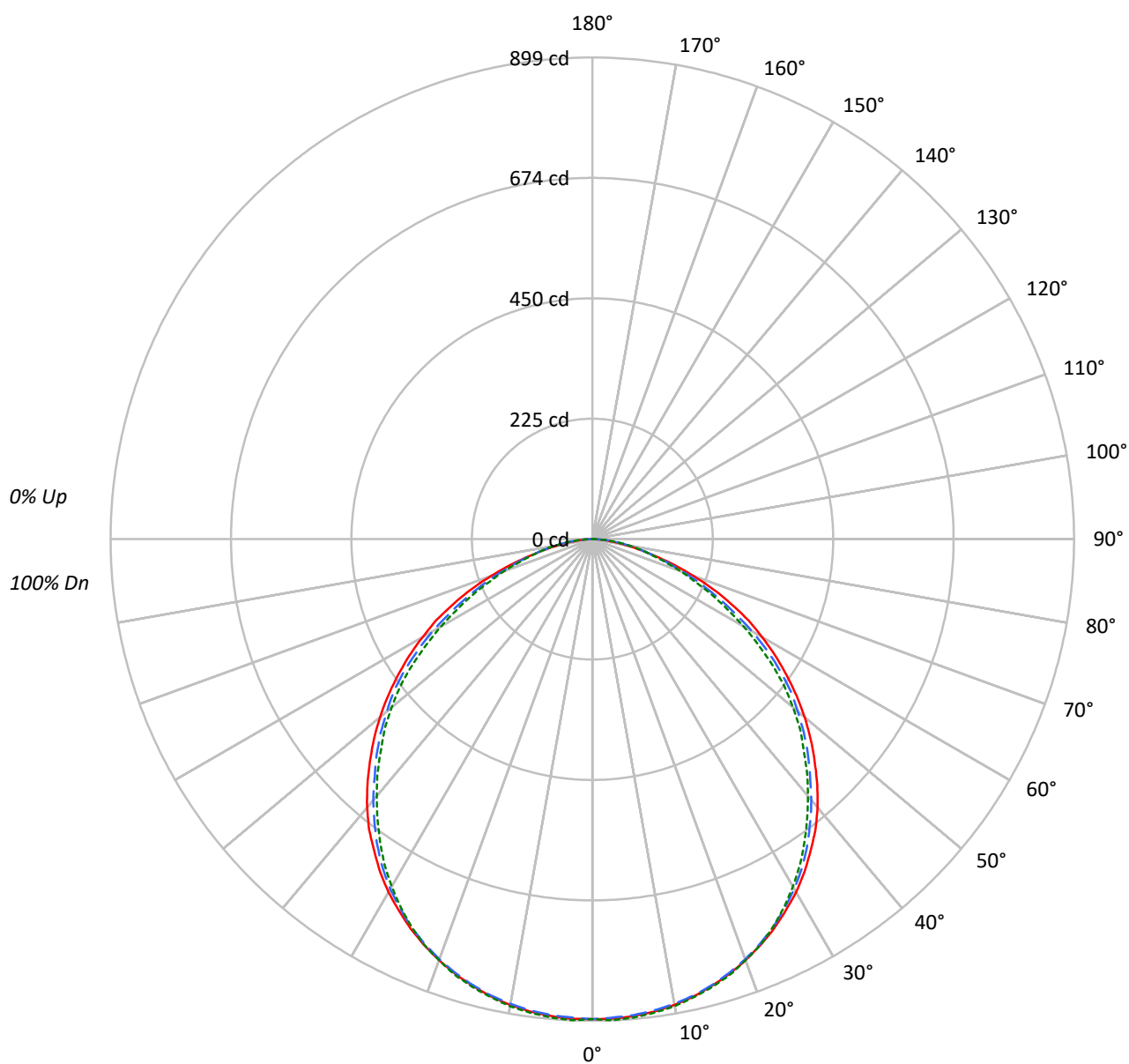
Lumens per Lamp: N/A
Luminaire Lumens: 2377.9 lumens
Efficiency: N/A
Efficacy: 103.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2411	2411	2411
5°	2413	2408	2420
10°	2412	2407	2419
15°	2405	2401	2410
20°	2395	2389	2395
25°	2382	2372	2370
30°	2364	2343	2326
35°	2332	2297	2267
40°	2296	2233	2198
45°	2233	2167	2122
50°	2165	2094	2046
55°	2075	2005	1925
60°	1968	1851	1755
65°	1820	1653	1571
70°	1578	1439	1385
75°	1259	1232	1198
80°	958	1069	1069
85°	707	914	914

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2233 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.0	3.6
10°-20°	243.7	10.2
20°-30°	368.4	15.5
30°-40°	437.4	18.4
40°-50°	440.7	18.5
50°-60°	380.9	16.0
60°-70°	260.3	10.9
70°-80°	128.4	5.4
80°-90°	33.2	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°	697.1	29.3
0°-40°	1134.5	47.7
0°-60°	1956.0	82.3
0°-90°	2377.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2377.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	896	896	896	896	896	
5°	893	894	892	895	896	85
15°	863	864	862	865	865	244
25°	802	802	799	800	798	370
35°	710	708	699	693	690	444
45°	587	580	569	563	558	453
55°	442	441	427	415	410	395
65°	286	276	260	248	247	282
75°	121	120	118	118	115	132
85°	23	27	30	30	30	28
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	896.0	896.0	896.0	896.0	896.0
2.5°	895.8	896.0	893.7	897.7	898.7
5°	893.4	893.7	891.5	895.1	896.0
7.5°	889.2	889.8	887.1	890.7	891.5
10°	882.8	883.1	880.8	884.5	885.2
12.5°	874.2	874.4	872.5	875.8	875.8
15°	863.2	864.2	861.9	864.9	865.2
17.5°	850.9	851.3	849.0	852.2	853.0
20°	836.3	836.3	834.4	837.0	836.3
22.5°	820.0	820.0	817.7	819.1	819.7
25°	802.2	801.5	798.8	799.5	798.2
27.5°	781.5	781.5	776.8	776.8	774.5
30°	760.7	759.0	754.0	751.0	748.7
32.5°	736.7	734.4	728.1	722.8	721.1
35°	709.9	707.5	699.1	692.9	690.2
37.5°	683.9	678.6	667.7	661.4	658.4
40°	653.7	647.0	635.8	627.1	625.8
42.5°	621.2	615.9	601.3	594.9	593.3
45°	586.7	580.3	569.3	562.7	557.7
47.5°	552.8	548.1	535.5	527.6	525.9
50°	517.2	513.2	500.3	491.8	488.7
52.5°	480.4	477.8	466.8	455.8	452.2
55°	442.3	441.0	427.3	414.7	410.3
57.5°	404.8	403.1	386.1	371.5	367.5
60°	365.6	360.6	344.0	330.3	326.0
62.5°	328.4	317.8	299.8	289.2	284.2
65°	285.8	275.6	259.6	248.3	246.7
67.5°	244.1	231.8	219.5	212.5	207.1
70°	200.5	192.2	182.9	177.0	176.0
72.5°	160.0	154.1	149.4	145.7	142.7
75°	121.1	120.2	118.5	118.5	115.2
77.5°	89.0	91.3	92.7	92.3	93.0
80°	61.8	66.4	69.0	69.4	69.0
82.5°	39.2	44.5	48.9	49.5	50.2
85°	22.9	26.9	29.6	30.2	29.6
87.5°	10.3	12.9	13.6	14.2	13.6
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)