

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: P1050337

Luminaire Tested: PTR-14-30-PP3-L940-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050337
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-PP3-L940-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

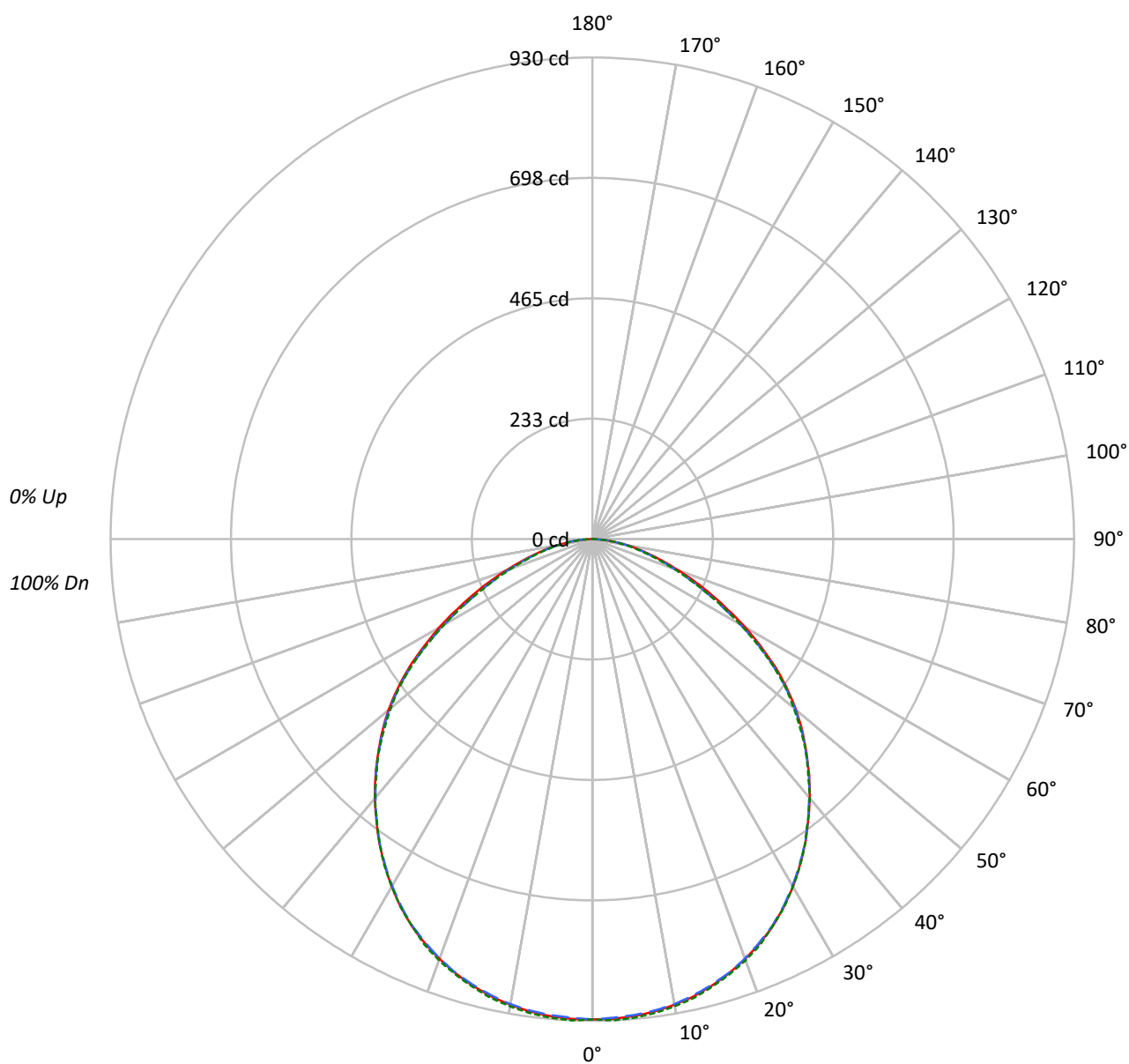
Lumens per Lamp: N/A
Luminaire Lumens: 2396.2 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	96	99	96	93	95	92	90	91	89	87	87	87	85
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	74	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	63	63	61
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	55	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	48	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	42	42	40
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	38	38	36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	34	34	32
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	31	31	29
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	28	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2496	2496	2496
5°	2498	2492	2506
10°	2494	2491	2503
15°	2486	2481	2493
20°	2470	2468	2478
25°	2448	2444	2447
30°	2407	2402	2407
35°	2354	2351	2353
40°	2294	2287	2293
45°	2225	2219	2221
50°	2151	2141	2125
55°	2024	2001	1995
60°	1837	1776	1779
65°	1613	1533	1530
70°	1396	1332	1316
75°	1207	1162	1136
80°	1069	1054	1006
85°	883	914	861

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2233 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	3.7
10°-20°	252.0	10.5
20°-30°	379.3	15.8
30°-40°	447.7	18.7
40°-50°	450.3	18.8
50°-60°	380.1	15.9
60°-70°	244.1	10.2
70°-80°	121.4	5.1
80°-90°	33.3	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°	719.2	30.0
0°-40°	1166.9	48.7
0°-60°	1997.3	83.4
0°-90°	2396.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2396.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	927	927	927	927	927	
5°	925	925	923	927	928	88
15°	892	893	891	895	895	252
25°	824	825	823	825	824	379
35°	717	717	716	716	716	448
45°	585	587	583	584	584	451
55°	432	431	426	425	425	384
65°	253	250	241	238	240	253
75°	116	116	112	111	109	126
85°	29	30	30	28	28	34
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	927.4	927.4	927.4	927.4	927.4
2.5°	927.0	927.4	924.9	929.4	930.1
5°	924.7	924.9	922.6	927.0	927.6
7.5°	919.9	920.3	918.2	922.3	923.0
10°	912.8	913.9	911.5	915.3	915.9
12.5°	904.2	904.5	902.1	906.5	907.2
15°	892.4	892.7	890.7	894.7	894.7
17.5°	878.8	879.2	877.9	881.3	880.9
20°	862.4	863.4	861.7	864.0	865.4
22.5°	844.6	845.0	842.9	845.9	847.3
25°	824.4	824.6	823.1	824.6	824.0
27.5°	800.8	801.4	799.1	800.8	801.2
30°	774.5	776.2	772.9	774.3	774.5
32.5°	746.2	747.2	744.9	745.3	747.0
35°	716.6	717.0	715.7	716.3	716.3
37.5°	684.7	686.1	684.0	685.0	683.6
40°	653.0	651.7	651.0	651.7	652.7
42.5°	619.6	620.0	619.0	618.3	616.7
45°	584.7	586.7	583.0	583.7	583.7
47.5°	550.4	550.7	548.7	546.6	545.3
50°	513.7	513.7	511.3	509.7	507.6
52.5°	473.6	473.0	470.3	468.6	469.6
55°	431.5	431.2	426.5	424.8	425.2
57.5°	385.4	386.1	379.1	377.3	377.3
60°	341.4	338.0	329.9	327.6	330.5
62.5°	295.1	291.1	282.4	282.4	284.8
65°	253.4	249.8	240.7	238.3	240.3
67.5°	214.4	211.0	202.7	201.3	201.9
70°	177.4	174.4	169.3	166.2	167.3
72.5°	145.4	142.7	139.3	137.0	135.6
75°	116.1	115.5	111.8	110.7	109.3
77.5°	91.9	91.6	88.6	87.2	85.9
80°	69.0	68.6	68.0	65.9	64.9
82.5°	49.2	49.2	48.8	47.1	46.1
85°	28.6	29.6	29.6	27.9	27.9
87.5°	11.5	12.1	11.5	11.5	11.1
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)