

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: P1050089

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

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050089
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-L935-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

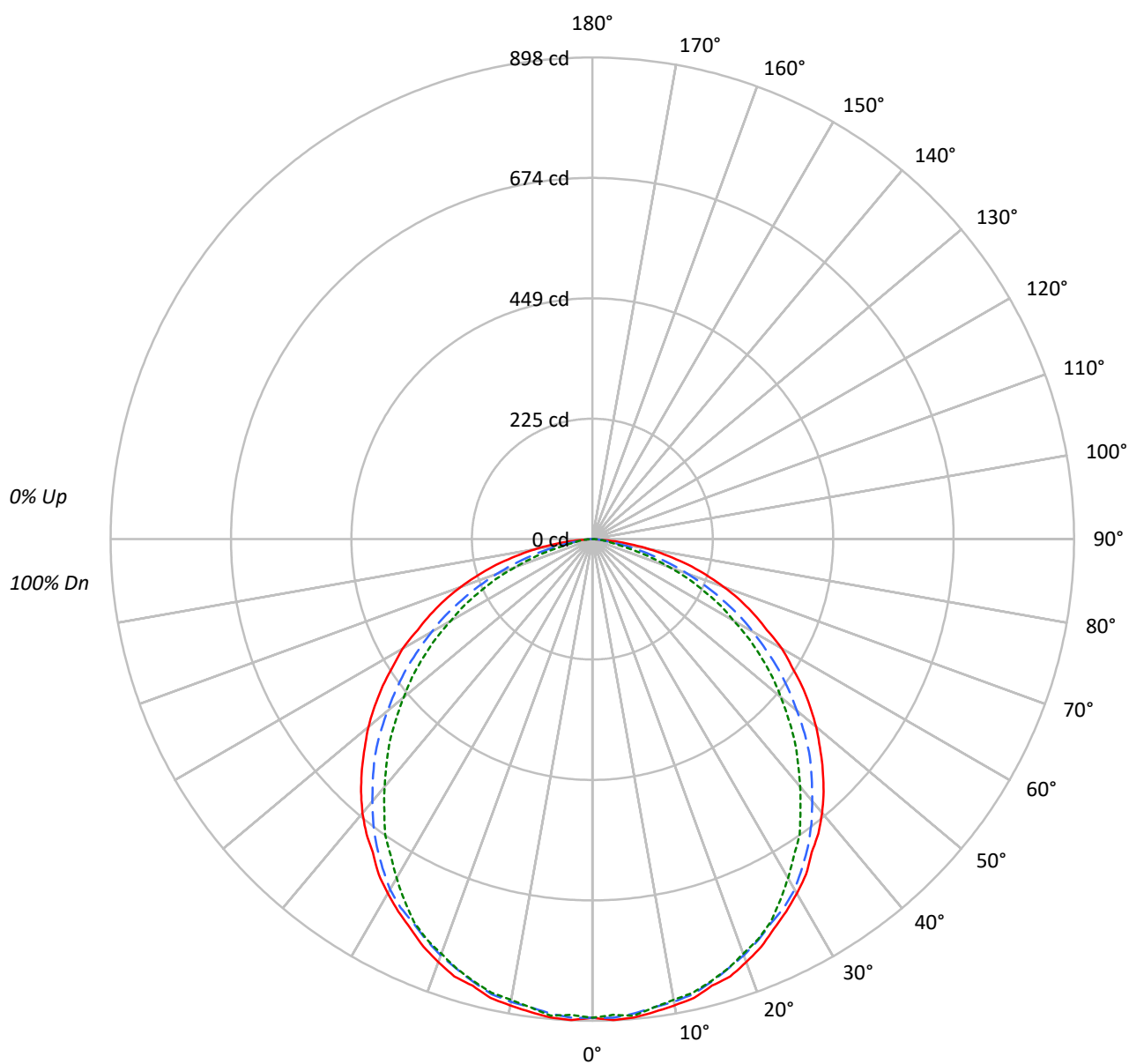
Lumens per Lamp: N/A
Luminaire Lumens: 2376.5 lumens
Efficiency: N/A
Efficacy: 103.3 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	98	95	93	95	92	90	91	89	87	87	87	85
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	74	74	72
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	56	68	61	56	66	60	55	64	58	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	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	33	33	31
9	57	44	36	31	56	44	36	30	42	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	27	37	32	27	27	27	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2401	2401	2401
5°	2419	2398	2409
10°	2412	2393	2383
15°	2401	2382	2377
20°	2403	2365	2356
25°	2379	2344	2337
30°	2369	2343	2267
35°	2343	2301	2212
40°	2341	2240	2117
45°	2312	2182	2032
50°	2280	2084	1922
55°	2236	1987	1805
60°	2196	1859	1639
65°	2122	1705	1465
70°	2053	1484	1196
75°	1929	1172	823
80°	1672	708	494
85°	1115	509	475

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2312 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.6	3.6
10°-20°	242.0	10.2
20°-30°	365.5	15.4
30°-40°	434.6	18.3
40°-50°	440.8	18.5
50°-60°	382.8	16.1
60°-70°	271.7	11.4
70°-80°	129.9	5.5
80°-90°	24.6	1.0
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°	692.1	29.1
0°-40°	1126.8	47.4
0°-60°	1950.3	82.1
0°-90°	2376.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2376.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	892	892	892	892	892	
5°	895	892	888	890	892	85
15°	862	864	855	854	853	244
25°	801	800	790	793	787	370
35°	713	712	700	676	673	448
45°	607	602	573	543	534	469
55°	477	462	424	398	385	426
65°	333	308	268	239	230	330
75°	186	151	113	89	79	195
85°	36	19	16	16	15	46
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	892.2	892.2	892.2	892.2	892.2
2.5°	897.5	894.3	893.3	897.0	887.9
5°	895.4	892.2	887.9	890.1	891.7
7.5°	889.0	886.4	880.5	885.3	880.5
10°	882.6	880.0	875.7	877.3	872.0
12.5°	876.3	869.9	868.8	869.9	866.2
15°	861.9	864.0	855.0	853.9	853.4
17.5°	855.0	849.7	840.1	840.7	839.6
20°	839.1	832.7	825.8	824.7	822.6
22.5°	822.6	815.1	808.8	812.0	807.2
25°	801.3	800.3	789.6	792.8	787.0
27.5°	782.7	779.0	774.2	767.3	758.8
30°	762.5	758.8	754.0	736.0	729.6
32.5°	741.3	737.0	727.5	706.2	699.3
35°	713.1	712.1	700.4	676.5	673.3
37.5°	691.9	680.2	670.6	646.2	637.1
40°	666.4	660.0	637.7	614.3	602.6
42.5°	638.2	630.8	605.2	580.3	567.5
45°	607.4	602.1	573.4	543.1	534.0
47.5°	575.5	570.7	536.7	507.5	495.8
50°	544.7	538.8	497.9	469.7	459.1
52.5°	511.2	501.6	461.2	433.6	423.5
55°	476.7	462.3	423.5	398.5	384.7
57.5°	440.0	426.7	383.7	357.6	346.5
60°	408.1	389.5	345.4	318.8	304.5
62.5°	367.2	351.2	309.3	277.9	271.0
65°	333.2	308.2	267.8	239.1	230.1
67.5°	298.6	269.4	228.5	199.3	194.5
70°	260.9	230.6	188.6	159.9	152.0
72.5°	222.7	192.9	152.0	121.7	116.9
75°	185.5	151.4	112.7	89.3	79.2
77.5°	145.1	114.2	79.2	54.7	48.4
80°	107.9	77.1	45.7	32.4	31.9
82.5°	70.7	44.6	24.4	25.0	23.9
85°	36.1	19.1	16.5	15.9	15.4
87.5°	6.9	7.4	8.0	8.0	8.0
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)