

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: P1050236

Luminaire Tested: PTR-14-30-PL1-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050236
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737719)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-PL1-L935-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

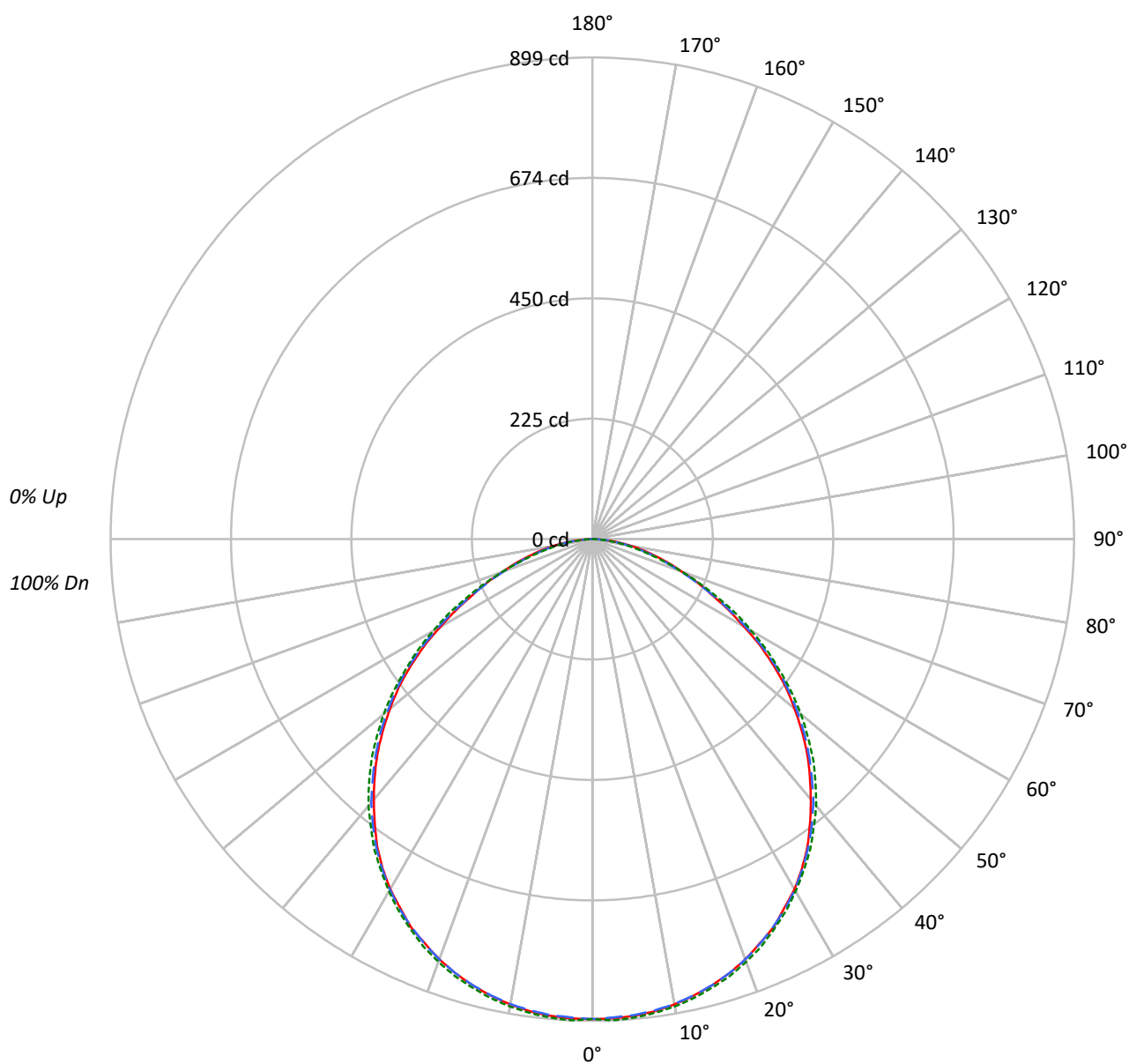
Lumens per Lamp: N/A
Luminaire Lumens: 2361.6 lumens
Efficiency: N/A
Efficacy: 102.7 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	100		
1	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72		
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61		
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	55	52		
5	77	65	56	49	75	64	55	49	61	54	49	60	53	48	58	52	48	46		
6	71	58	50	43	69	57	49	43	56	48	43	54	47	42	52	47	42	40		
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35		
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32		
9	58	44	36	31	56	44	36	31	43	36	31	42	35	30	41	35	30	29		
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2411	2411	2411
5°	2413	2408	2422
10°	2410	2407	2421
15°	2403	2401	2414
20°	2391	2391	2404
25°	2374	2371	2384
30°	2344	2348	2359
35°	2300	2308	2327
40°	2228	2254	2283
45°	2159	2176	2218
50°	2063	2086	2127
55°	1944	1975	1998
60°	1763	1801	1845
65°	1566	1583	1647
70°	1400	1371	1405
75°	1263	1190	1167
80°	1148	1065	945
85°	973	883	760

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 2218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.0	3.6
10°-20°	243.7	10.3
20°-30°	368.7	15.6
30°-40°	439.5	18.6
40°-50°	441.9	18.7
50°-60°	375.0	15.9
60°-70°	249.7	10.6
70°-80°	124.7	5.3
80°-90°	33.4	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°	697.4	29.5
0°-40°	1136.9	48.1
0°-60°	1953.8	82.7
0°-90°	2361.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2361.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	896	896	896	896	896	
5°	893	894	892	896	896	85
15°	862	863	862	866	866	243
25°	800	800	799	802	803	368
35°	700	701	703	708	708	437
45°	567	568	572	580	583	436
55°	414	417	421	425	426	369
65°	246	248	249	252	259	247
75°	122	120	114	112	112	130
85°	32	31	29	27	25	36
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	895.9	895.9	895.9	895.9	895.9
2.5°	895.2	895.9	893.5	897.8	898.9
5°	893.3	893.5	891.6	895.6	896.5
7.5°	888.9	889.3	887.2	891.6	892.2
10°	881.9	882.7	881.0	884.9	885.9
12.5°	873.0	874.0	872.3	876.6	877.3
15°	862.4	863.4	862.0	865.6	866.4
17.5°	849.4	850.1	849.4	852.7	854.7
20°	834.8	834.8	834.8	837.8	839.5
22.5°	816.6	818.2	817.5	821.5	823.2
25°	799.7	799.7	798.6	802.3	802.9
27.5°	776.0	778.7	778.4	781.7	782.4
30°	754.4	755.2	755.5	757.8	759.1
32.5°	728.3	728.9	730.0	733.2	733.6
35°	700.0	700.8	702.7	707.6	708.4
37.5°	667.2	670.9	672.5	677.8	678.5
40°	634.3	636.6	641.7	647.2	649.9
42.5°	600.8	603.4	606.4	614.0	616.5
45°	567.2	568.2	571.9	579.5	582.9
47.5°	530.1	533.1	536.4	543.0	545.1
50°	492.9	496.2	498.3	504.2	508.1
52.5°	455.4	458.5	460.7	464.4	468.3
55°	414.3	417.2	420.9	424.9	425.9
57.5°	372.5	375.7	378.1	382.3	386.7
60°	327.6	331.3	334.6	338.6	342.9
62.5°	285.9	287.4	290.8	297.4	303.7
65°	245.9	248.0	248.6	252.3	258.6
67.5°	212.8	212.8	209.7	211.1	218.1
70°	177.9	176.6	174.3	173.0	178.6
72.5°	149.7	148.0	143.0	140.8	143.8
75°	121.5	119.8	114.5	111.8	112.2
77.5°	97.6	94.9	90.6	86.0	85.0
80°	74.1	73.0	68.7	64.4	61.0
82.5°	52.5	50.2	47.8	45.1	42.5
85°	31.5	30.9	28.6	26.9	24.6
87.5°	12.9	12.9	12.3	11.6	11.0
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)