

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: P1050331

Luminaire Tested: PTR-14-30-PP3-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050331
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-L930-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

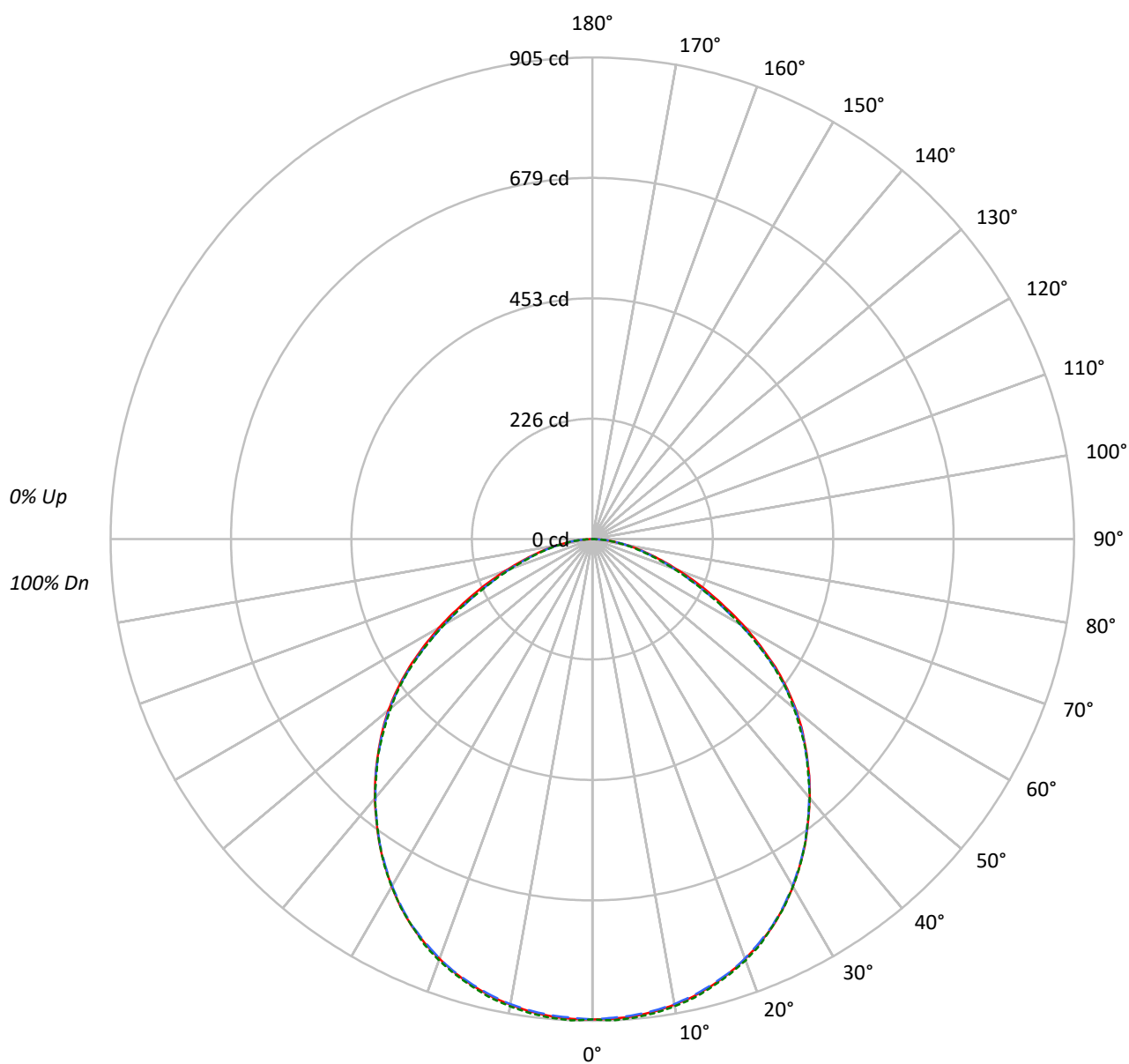
Lumens per Lamp: N/A
Luminaire Lumens: 2331.9 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	100		
1	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72		
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61		
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53		
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46		
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40		
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36		
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32		
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	29		
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2429	2429	2429
5°	2431	2425	2438
10°	2427	2424	2435
15°	2420	2415	2426
20°	2403	2401	2412
25°	2382	2378	2381
30°	2342	2337	2342
35°	2291	2288	2290
40°	2232	2225	2231
45°	2165	2159	2162
50°	2093	2083	2068
55°	1970	1947	1941
60°	1788	1728	1731
65°	1570	1492	1489
70°	1358	1296	1281
75°	1175	1131	1106
80°	1040	1026	979
85°	861	889	837

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2173 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.6	3.7
10°-20°	245.2	10.5
20°-30°	369.1	15.8
30°-40°	435.7	18.7
40°-50°	438.2	18.8
50°-60°	369.9	15.9
60°-70°	237.6	10.2
70°-80°	118.2	5.1
80°-90°	32.4	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°	699.9	30.0
0°-40°	1135.6	48.7
0°-60°	1943.7	83.4
0°-90°	2331.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2331.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	902	902	902	902	902	
5°	900	900	898	902	903	86
15°	868	869	867	871	871	245
25°	802	802	801	802	802	369
35°	697	698	696	697	697	436
45°	569	571	567	568	568	439
55°	420	420	415	413	414	374
65°	247	243	234	232	234	246
75°	113	112	109	108	106	122
85°	28	29	29	27	27	33
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	902.5	902.5	902.5	902.5	902.5
2.5°	902.1	902.5	900.1	904.4	905.1
5°	899.9	900.1	897.9	902.1	902.7
7.5°	895.2	895.6	893.6	897.5	898.2
10°	888.3	889.4	887.0	890.7	891.3
12.5°	879.9	880.2	877.9	882.1	882.9
15°	868.5	868.7	866.8	870.7	870.7
17.5°	855.2	855.6	854.3	857.6	857.3
20°	839.3	840.2	838.6	840.8	842.2
22.5°	821.9	822.3	820.2	823.2	824.5
25°	802.3	802.5	801.0	802.5	801.9
27.5°	779.3	779.9	777.6	779.3	779.7
30°	753.7	755.4	752.2	753.5	753.7
32.5°	726.2	727.2	724.9	725.3	726.9
35°	697.4	697.8	696.5	697.1	697.1
37.5°	666.3	667.7	665.6	666.6	665.3
40°	635.5	634.2	633.5	634.2	635.2
42.5°	603.0	603.4	602.4	601.7	600.2
45°	569.0	571.0	567.3	568.0	568.0
47.5°	535.6	535.9	534.0	532.0	530.6
50°	499.9	499.9	497.6	496.0	494.0
52.5°	460.9	460.3	457.7	456.0	457.0
55°	419.9	419.6	415.1	413.4	413.8
57.5°	375.1	375.8	368.9	367.2	367.2
60°	332.2	328.9	321.0	318.8	321.6
62.5°	287.2	283.3	274.8	274.8	277.1
65°	246.6	243.1	234.3	231.9	233.9
67.5°	208.7	205.3	197.2	195.9	196.5
70°	172.6	169.7	164.7	161.8	162.8
72.5°	141.5	138.9	135.6	133.3	132.0
75°	113.0	112.4	108.8	107.7	106.4
77.5°	89.4	89.2	86.2	84.9	83.6
80°	67.1	66.8	66.2	64.2	63.2
82.5°	47.9	47.9	47.5	45.8	44.9
85°	27.9	28.8	28.8	27.1	27.1
87.5°	11.2	11.8	11.2	11.2	10.8
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)