

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: P1050187

Luminaire Tested: PTR-14-30-PC3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050187
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-PC3-L935-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

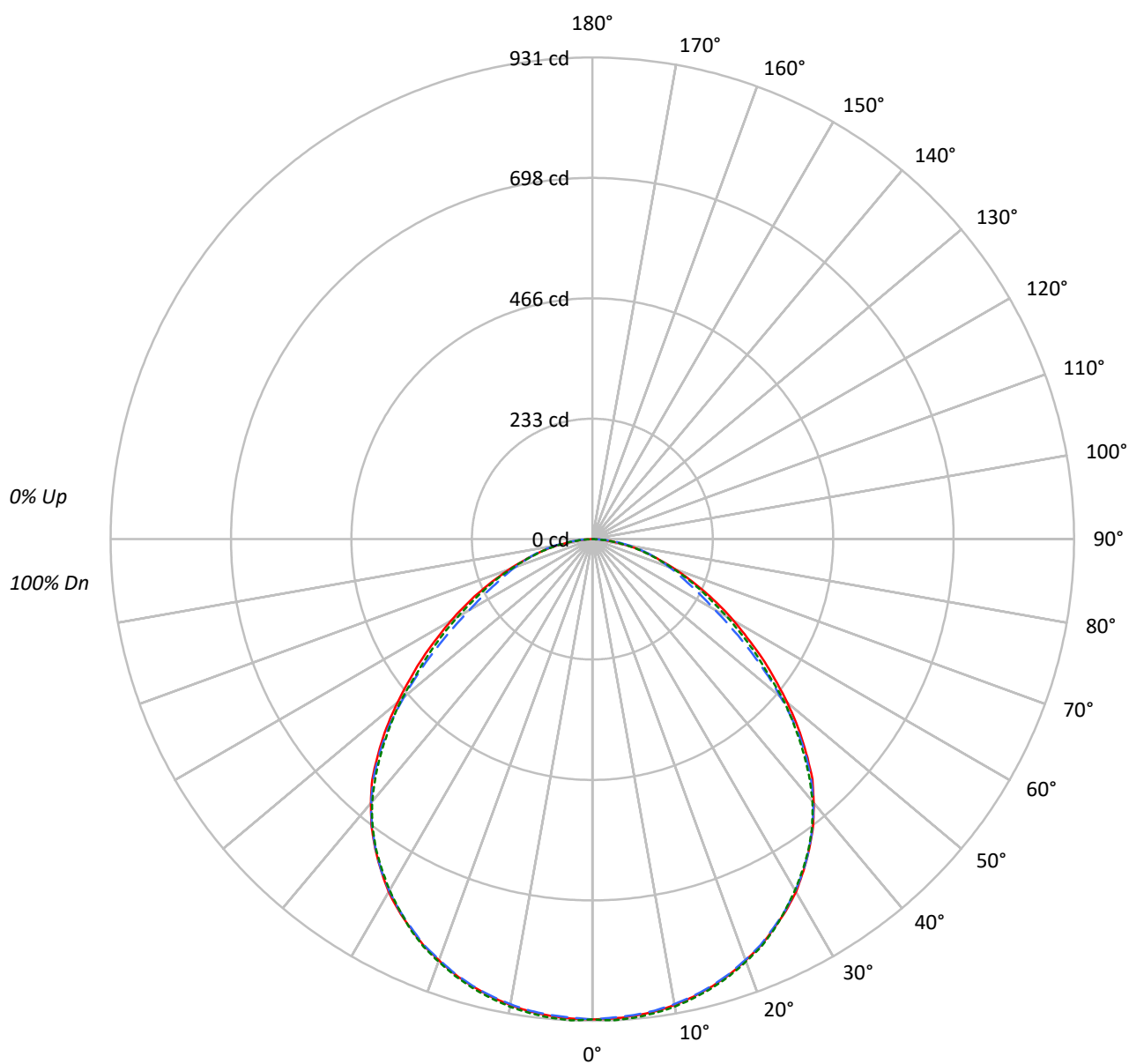
Lumens per Lamp: N/A
Luminaire Lumens: 2340.5 lumens
Efficiency: N/A
Efficacy: 101.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72		
3	92	82	74	68	90	80	73	68	77	71	66	75	70	65	72	68	64	62		
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54		
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47		
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41		
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37		
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33		
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30		
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2498	2498	2498
5°	2499	2494	2509
10°	2499	2494	2508
15°	2493	2490	2501
20°	2482	2478	2489
25°	2465	2461	2471
30°	2446	2438	2434
35°	2402	2400	2395
40°	2338	2335	2324
45°	2224	2208	2185
50°	2058	1989	2012
55°	1879	1727	1804
60°	1694	1473	1616
65°	1514	1317	1452
70°	1343	1246	1306
75°	1187	1208	1164
80°	1024	1153	1020
85°	769	914	769

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2229 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.1	3.8
10°-20°	252.7	10.8
20°-30°	382.7	16.3
30°-40°	456.2	19.5
40°-50°	445.8	19.0
50°-60°	340.9	14.6
60°-70°	218.8	9.4
70°-80°	121.8	5.2
80°-90°	33.6	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°	723.4	30.9
0°-40°	1179.6	50.4
0°-60°	1966.3	84.0
0°-90°	2340.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2340.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	928	928	928	928	928	
5°	925	926	923	928	929	88
15°	895	896	894	897	898	253
25°	830	831	829	832	832	383
35°	731	732	730	730	729	457
45°	584	586	580	579	574	450
55°	400	386	368	372	384	358
65°	238	219	207	214	228	237
75°	114	115	116	115	112	122
85°	25	29	30	29	25	31
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	928.3	928.3	928.3	928.3	928.3
2.5°	927.7	928.1	925.7	929.7	931.0
5°	925.1	925.7	923.4	927.7	928.7
7.5°	921.1	921.7	919.4	923.8	924.1
10°	914.5	914.8	912.8	917.1	917.7
12.5°	905.5	906.5	904.2	908.2	908.4
15°	894.8	895.5	893.8	896.9	897.8
17.5°	882.3	882.6	880.9	884.2	884.6
20°	866.6	866.6	865.3	869.0	869.0
22.5°	850.7	849.7	849.3	850.7	852.7
25°	830.1	831.1	828.8	831.5	832.1
27.5°	810.2	810.2	808.2	809.5	807.8
30°	787.3	786.0	784.7	784.9	783.3
32.5°	759.7	759.7	759.1	759.1	757.0
35°	731.2	731.8	730.5	730.1	729.2
37.5°	700.6	701.7	699.2	698.6	697.9
40°	665.7	665.7	664.7	663.4	661.7
42.5°	629.5	629.5	625.3	621.9	619.6
45°	584.4	585.7	580.1	578.7	574.1
47.5°	539.5	538.5	530.9	530.0	527.3
50°	491.7	486.1	475.2	478.1	480.5
52.5°	444.0	437.0	421.0	424.3	428.3
55°	400.4	386.5	368.0	372.5	384.5
57.5°	354.9	336.4	317.8	326.5	341.3
60°	314.8	293.9	273.6	282.9	300.2
62.5°	276.3	254.1	237.8	246.7	261.3
65°	237.8	219.4	206.9	213.8	228.1
67.5°	202.6	190.3	181.7	184.9	196.5
70°	170.7	163.0	158.4	159.4	166.0
72.5°	140.4	138.5	136.8	136.8	137.4
75°	114.2	115.2	116.2	114.6	112.0
77.5°	90.0	93.3	95.7	92.3	89.0
80°	66.1	71.4	74.4	70.7	65.8
82.5°	45.1	51.2	52.1	49.8	44.2
85°	24.9	29.2	29.6	28.6	24.9
87.5°	9.3	11.0	11.9	11.0	9.7
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)