

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: P1050086

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

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050086
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-L930-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

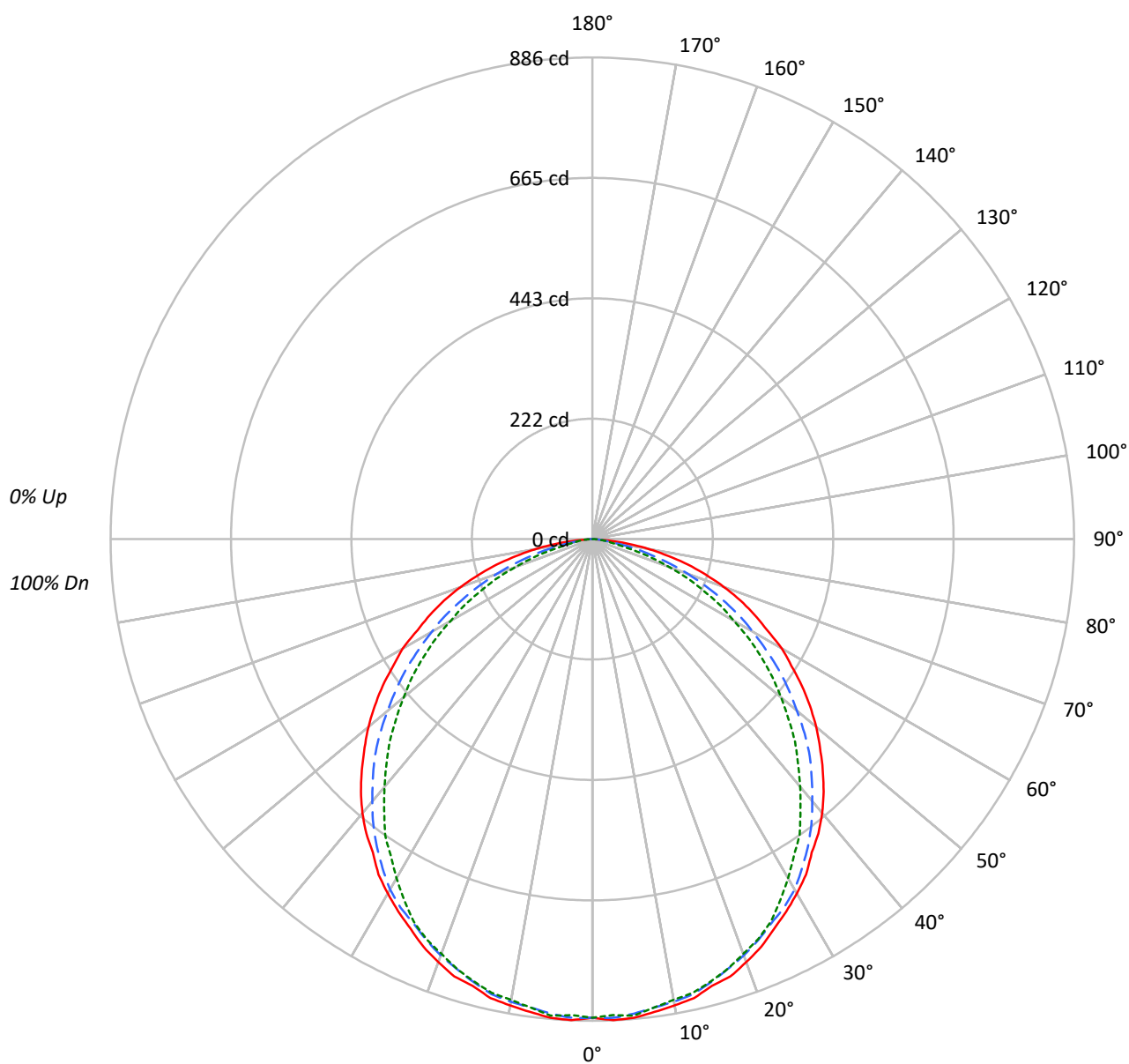
Lumens per Lamp: N/A
Luminaire Lumens: 2345.2 lumens
Efficiency: N/A
Efficacy: 102.0 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1050086

CATALOG NUMBER: PTR-14-30-L930-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1050086

CATALOG NUMBER: PTR-14-30-L930-UNV-STD-W

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°	2369	2369	2369
5°	2387	2367	2377
10°	2380	2361	2351
15°	2369	2350	2346
20°	2371	2334	2324
25°	2348	2314	2306
30°	2338	2312	2237
35°	2312	2270	2183
40°	2310	2211	2089
45°	2281	2153	2006
50°	2250	2057	1897
55°	2207	1961	1781
60°	2167	1834	1617
65°	2094	1683	1446
70°	2026	1465	1180
75°	1903	1156	812
80°	1649	699	488
85°	1102	503	469

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2281 cd/sqm

TEST NUMBER: P1050086

CATALOG NUMBER: PTR-14-30-L930-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.5	3.6
10°-20°	238.8	10.2
20°-30°	360.7	15.4
30°-40°	428.9	18.3
40°-50°	435.0	18.5
50°-60°	377.7	16.1
60°-70°	268.1	11.4
70°-80°	128.1	5.5
80°-90°	24.3	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°	683.0	29.1
0°-40°	1111.9	47.4
0°-60°	1924.6	82.1
0°-90°	2345.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2345.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	880	880	880	880	880	
5°	884	880	876	878	880	84
15°	850	853	844	843	842	241
25°	791	790	779	782	777	365
35°	704	703	691	668	664	442
45°	599	594	566	536	527	462
55°	470	456	418	393	380	420
65°	329	304	264	236	227	326
75°	183	149	111	88	78	192
85°	36	19	16	16	15	45
90°	0	0	0	0	0	

TEST NUMBER: P1050086

CATALOG NUMBER: PTR-14-30-L930-UNV-STD-W

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	880.4	880.4	880.4	880.4	880.4
2.5°	885.7	882.5	881.5	885.2	876.2
5°	883.6	880.4	876.2	878.3	879.9
7.5°	877.3	874.7	868.9	873.6	868.9
10°	871.0	868.4	864.2	865.8	860.5
12.5°	864.7	858.4	857.4	858.4	854.7
15°	850.5	852.6	843.7	842.7	842.2
17.5°	843.7	838.5	829.0	829.6	828.5
20°	828.0	821.7	814.9	813.8	811.7
22.5°	811.7	804.4	798.1	801.3	796.5
25°	790.8	789.7	779.2	782.4	776.6
27.5°	772.4	768.7	764.0	757.2	748.8
30°	752.5	748.8	744.1	726.3	720.0
32.5°	731.5	727.3	717.9	696.9	690.1
35°	703.7	702.7	691.1	667.5	664.4
37.5°	682.7	671.2	661.8	637.6	628.7
40°	657.6	651.3	629.3	606.2	594.6
42.5°	629.8	622.4	597.3	572.6	560.0
45°	599.4	594.1	565.8	535.9	527.0
47.5°	567.9	563.2	529.6	500.8	489.2
50°	537.5	531.7	491.3	463.6	453.1
52.5°	504.5	495.0	455.2	427.9	417.9
55°	470.4	456.2	417.9	393.3	379.7
57.5°	434.2	421.1	378.6	352.9	341.9
60°	402.7	384.4	340.8	314.6	300.5
62.5°	362.3	346.6	305.2	274.3	267.4
65°	328.8	304.1	264.3	236.0	227.1
67.5°	294.7	265.9	225.5	196.6	191.9
70°	257.5	227.6	186.2	157.8	150.0
72.5°	219.7	190.3	150.0	120.1	115.4
75°	183.0	149.4	111.2	88.1	78.1
77.5°	143.2	112.7	78.1	54.0	47.7
80°	106.4	76.0	45.1	32.0	31.5
82.5°	69.7	44.0	24.1	24.6	23.6
85°	35.7	18.9	16.3	15.7	15.2
87.5°	6.8	7.3	7.9	7.9	7.9
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)