

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: P1050282

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

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050282
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-224-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-PLG-L930-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

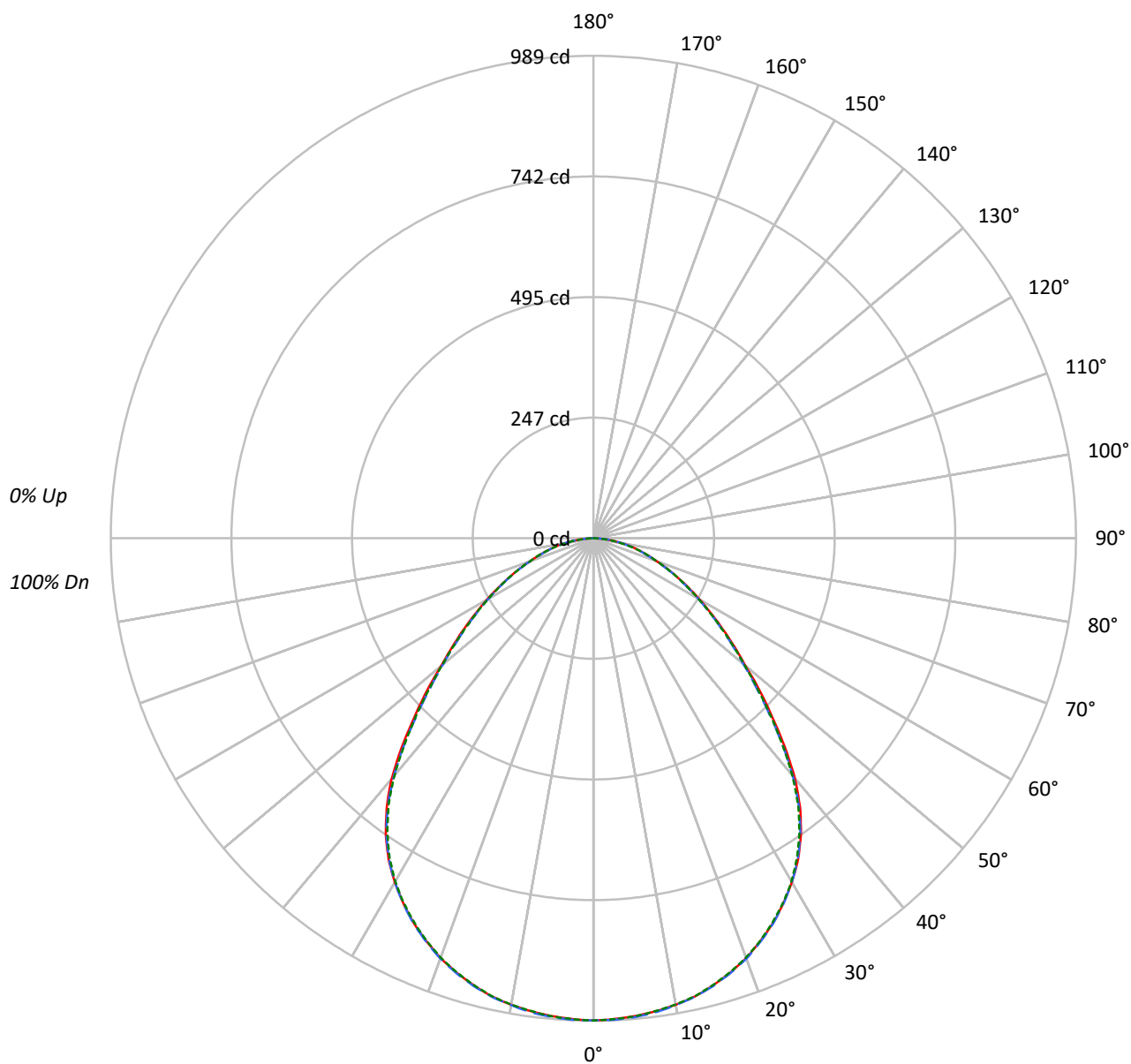
Lumens per Lamp: N/A
Luminaire Lumens: 2227.9 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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: P1050282

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

Luminous Intensity Polar Plot



TEST NUMBER: P1050282

CATALOG NUMBER: PTR-14-30-PLG-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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86	84	86
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74	72	74
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64	62	64
4	86	75	67	60	84	73	66	60	71	64	59	69	63	58	67	62	58	56	54	56
5	79	67	59	53	77	66	58	53	64	57	52	62	56	51	61	55	51	49	47	49
6	74	61	53	47	72	60	52	47	58	51	46	57	51	46	55	50	45	43	41	43
7	69	56	48	42	67	55	47	42	54	46	41	52	46	41	51	45	41	39	37	39
8	64	51	43	38	62	51	43	38	49	42	37	48	42	37	47	41	37	35	33	35
9	60	47	39	34	59	47	39	34	46	39	34	44	38	34	43	38	34	32	30	32
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	31	29	27	29

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2661	2661	2661
5°	2656	2661	2657
10°	2654	2656	2652
15°	2643	2647	2641
20°	2623	2627	2619
25°	2586	2588	2579
30°	2529	2529	2523
35°	2437	2430	2418
40°	2258	2233	2226
45°	1974	1942	1950
50°	1704	1683	1692
55°	1514	1491	1495
60°	1356	1337	1337
65°	1216	1207	1211
70°	1093	1082	1093
75°	1014	999	1014
80°	947	934	902
85°	803	803	716

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1974 cd/sqm

TEST NUMBER: P1050282

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.6	4.2
10°-20°	267.9	12.0
20°-30°	400.8	18.0
30°-40°	459.2	20.6
40°-50°	397.1	17.8
50°-60°	287.4	12.9
60°-70°	189.3	8.5
70°-80°	103.0	4.6
80°-90°	29.5	1.3
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°	762.3	34.2
0°-40°	1221.4	54.8
0°-60°	1906.0	85.6
0°-90°	2227.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2227.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	989	989	989	989	989	
5°	983	985	985	985	984	93
15°	949	949	950	952	948	268
25°	871	871	872	872	869	401
35°	742	741	740	739	736	461
45°	519	517	510	510	512	402
55°	323	321	318	316	319	291
65°	191	192	190	188	190	191
75°	98	98	96	96	98	104
85°	26	26	26	27	23	30
90°	0	0	0	0	0	

TEST NUMBER: P1050282

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

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	988.7	988.7	988.7	988.7	988.7
2.5°	986.6	988.7	988.0	988.7	986.6
5°	983.1	985.2	985.2	985.2	983.8
7.5°	978.2	979.6	980.3	981.0	977.5
10°	971.2	972.6	971.9	973.3	970.5
12.5°	962.1	962.1	962.8	964.2	961.4
15°	948.7	949.4	950.1	951.5	948.0
17.5°	933.3	934.0	934.7	935.4	932.6
20°	915.8	915.8	917.2	917.9	914.4
22.5°	894.0	894.0	895.4	897.5	893.3
25°	870.9	870.9	871.6	872.3	868.7
27.5°	843.5	843.5	844.2	846.3	842.1
30°	814.0	813.3	814.0	814.7	811.9
32.5°	781.0	780.3	779.6	780.3	776.8
35°	741.7	741.0	739.6	738.9	736.1
37.5°	696.1	694.7	691.9	691.9	689.1
40°	642.8	639.3	635.8	634.4	633.7
42.5°	581.0	578.2	573.3	572.6	572.6
45°	518.6	517.2	510.2	509.5	512.3
47.5°	462.4	458.9	452.6	451.2	455.4
50°	407.0	407.7	402.1	400.0	404.2
52.5°	363.5	362.1	357.2	355.8	359.3
55°	322.8	321.4	317.9	315.8	318.6
57.5°	285.6	284.9	281.4	280.7	282.1
60°	251.9	251.2	248.4	247.7	248.4
62.5°	220.3	220.3	217.5	216.1	218.2
65°	190.9	192.3	189.5	188.1	190.2
67.5°	164.2	165.6	162.8	161.4	164.2
70°	138.9	140.3	137.5	136.1	138.9
72.5°	117.2	117.9	115.8	115.1	118.6
75°	97.5	97.5	96.1	96.1	97.5
77.5°	79.3	78.6	77.9	77.9	76.5
80°	61.1	60.3	60.3	60.3	58.2
82.5°	43.5	42.1	42.8	43.5	40.0
85°	26.0	26.0	26.0	26.7	23.2
87.5°	10.5	10.5	9.8	10.5	9.1
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)