

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: P1050285

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

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050285
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-L935-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

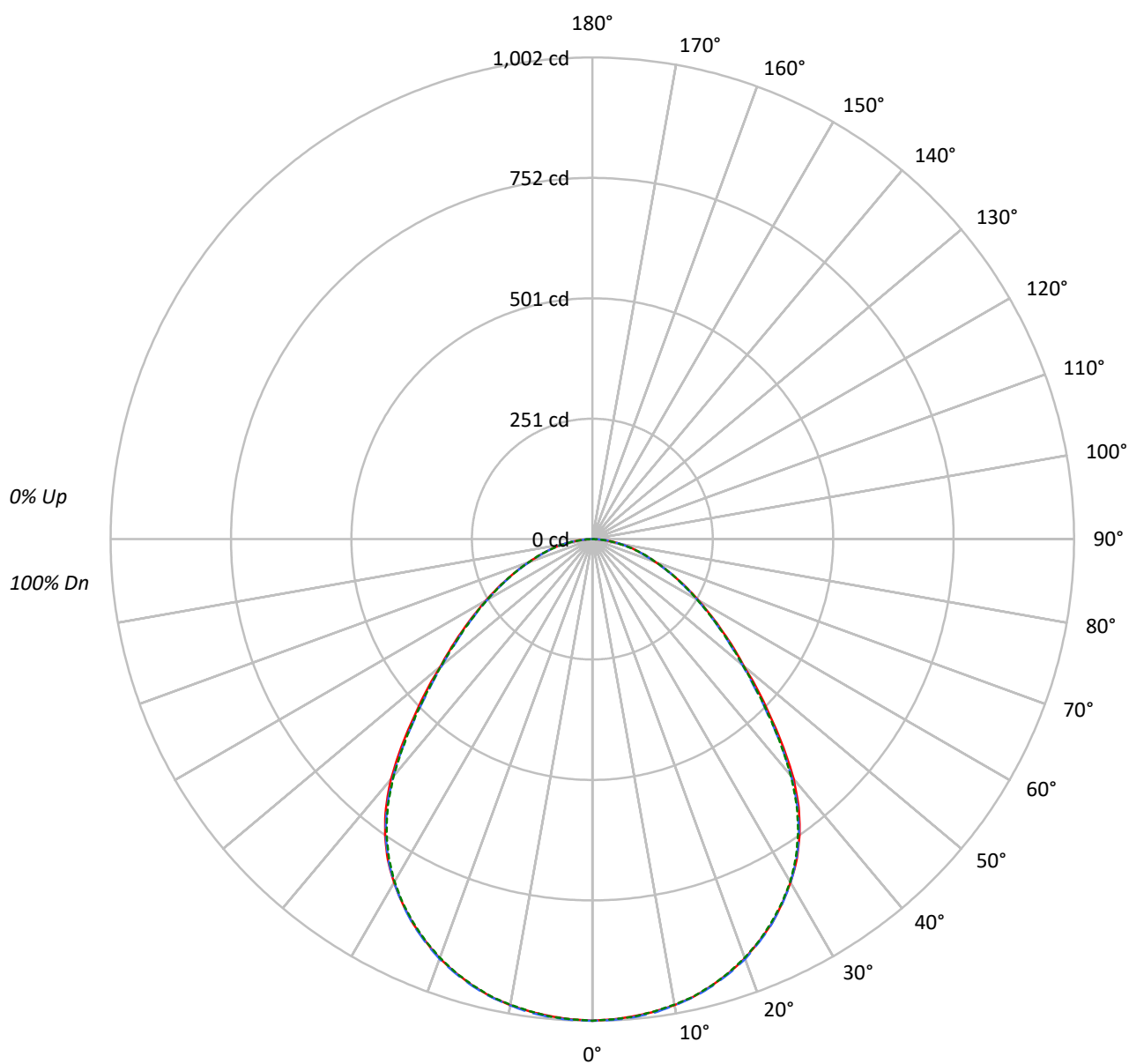
Lumens per Lamp: N/A
Luminaire Lumens: 2257.7 lumens
Efficiency: N/A
Efficacy: 98.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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: P1050285

CATALOG NUMBER: PTR-14-30-PLG-L935-UNV-STD-W

Luminous Intensity Polar Plot



TEST NUMBER: P1050285

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2696	2696	2696
5°	2691	2697	2693
10°	2689	2691	2687
15°	2678	2682	2676
20°	2657	2662	2653
25°	2620	2622	2614
30°	2563	2563	2557
35°	2469	2462	2451
40°	2288	2263	2256
45°	2000	1968	1975
50°	1726	1706	1715
55°	1535	1511	1514
60°	1374	1355	1355
65°	1231	1223	1227
70°	1108	1097	1108
75°	1027	1013	1027
80°	959	948	914
85°	812	812	726

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2000 cd/sqm

TEST NUMBER: P1050285

CATALOG NUMBER: PTR-14-30-PLG-L935-UNV-STD-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.9	4.2
10°-20°	271.4	12.0
20°-30°	406.2	18.0
30°-40°	465.3	20.6
40°-50°	402.5	17.8
50°-60°	291.3	12.9
60°-70°	191.8	8.5
70°-80°	104.4	4.6
80°-90°	29.9	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°	772.4	34.2
0°-40°	1237.8	54.8
0°-60°	1931.5	85.6
0°-90°	2257.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2257.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1002	1002	1002	1002	1002	
5°	996	998	998	998	997	95
15°	961	962	963	964	961	271
25°	882	882	883	884	880	406
35°	752	751	750	749	746	467
45°	526	524	517	516	519	407
55°	327	326	322	320	323	294
65°	193	195	192	191	193	193
75°	99	99	97	97	99	105
85°	26	26	26	27	24	30
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	999.8	1002.0	1001.2	1002.0	999.8
5°	996.3	998.4	998.4	998.4	997.0
7.5°	991.3	992.7	993.4	994.1	990.6
10°	984.2	985.6	984.9	986.3	983.5
12.5°	974.9	974.9	975.6	977.1	974.2
15°	961.4	962.1	962.8	964.3	960.7
17.5°	945.8	946.5	947.2	947.9	945.1
20°	928.0	928.0	929.4	930.1	926.6
22.5°	906.0	906.0	907.4	909.5	905.2
25°	882.5	882.5	883.2	883.9	880.4
27.5°	854.8	854.8	855.5	857.6	853.3
30°	824.9	824.2	824.9	825.6	822.8
32.5°	791.5	790.8	790.0	790.8	787.2
35°	751.6	750.9	749.5	748.8	746.0
37.5°	705.4	704.0	701.2	701.2	698.3
40°	651.4	647.8	644.3	642.8	642.1
42.5°	588.8	586.0	581.0	580.3	580.3
45°	525.5	524.1	517.0	516.3	519.1
47.5°	468.6	465.1	458.7	457.2	461.5
50°	412.4	413.2	407.5	405.3	409.6
52.5°	368.4	366.9	362.0	360.5	364.1
55°	327.1	325.7	322.1	320.0	322.8
57.5°	289.4	288.7	285.2	284.4	285.9
60°	255.3	254.6	251.7	251.0	251.7
62.5°	223.3	223.3	220.4	219.0	221.2
65°	193.4	194.8	192.0	190.6	192.7
67.5°	166.4	167.8	165.0	163.6	166.4
70°	140.8	142.2	139.4	138.0	140.8
72.5°	118.8	119.5	117.3	116.6	120.2
75°	98.8	98.8	97.4	97.4	98.8
77.5°	80.4	79.6	78.9	78.9	77.5
80°	61.9	61.2	61.2	61.2	59.0
82.5°	44.1	42.7	43.4	44.1	40.5
85°	26.3	26.3	26.3	27.0	23.5
87.5°	10.7	10.7	10.0	10.7	9.2
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)