

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: P1050380

Luminaire Tested: PTR-14-30-PR1-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050380
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-PR1-L930-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

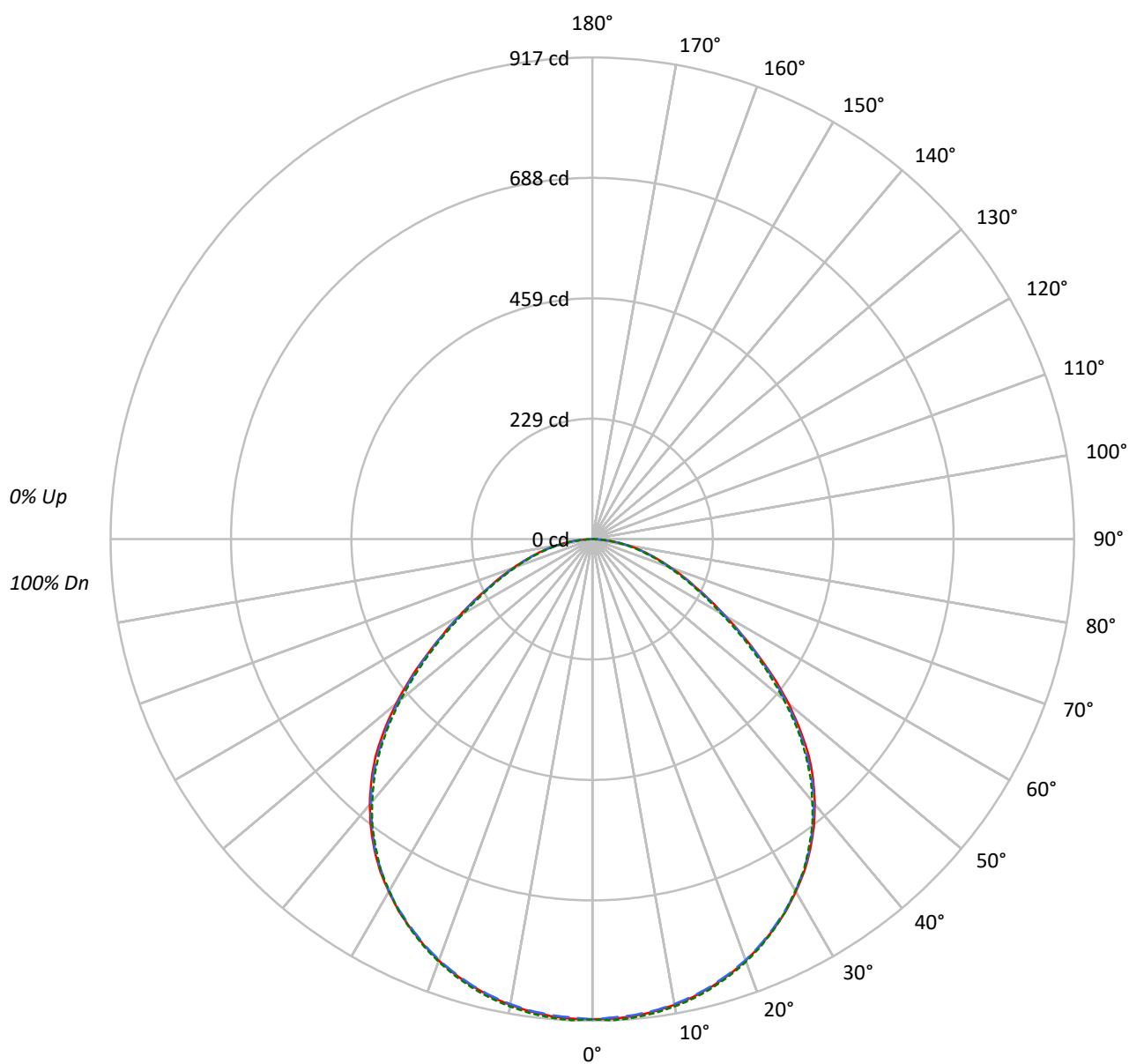
Lumens per Lamp: N/A
Luminaire Lumens: 2311.7 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	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	45	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	39	33	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2460	2460	2460
5°	2462	2457	2470
10°	2460	2456	2469
15°	2455	2452	2463
20°	2445	2442	2452
25°	2429	2423	2432
30°	2408	2404	2402
35°	2374	2369	2359
40°	2315	2305	2289
45°	2218	2193	2177
50°	2041	2018	1993
55°	1806	1798	1763
60°	1569	1564	1521
65°	1383	1375	1347
70°	1255	1237	1212
75°	1162	1135	1114
80°	1060	1046	1010
85°	837	831	797

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	3.8
10°-20°	248.9	10.8
20°-30°	377.0	16.3
30°-40°	450.1	19.5
40°-50°	442.6	19.1
50°-60°	342.1	14.8
60°-70°	215.7	9.3
70°-80°	116.7	5.0
80°-90°	31.9	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°	712.6	30.8
0°-40°	1162.7	50.3
0°-60°	1947.4	84.2
0°-90°	2311.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2311.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	914	914	914	914	914	
5°	912	912	909	913	914	87
15°	881	882	880	883	884	249
25°	818	819	816	819	819	377
35°	723	723	721	720	718	451
45°	583	580	576	572	572	446
55°	385	388	383	377	376	345
65°	217	218	216	212	212	219
75°	112	110	109	110	107	119
85°	27	28	27	27	26	32
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	914.1	914.1	914.1	914.1	914.1
2.5°	913.7	914.1	911.5	915.7	916.7
5°	911.5	911.8	909.4	913.4	914.4
7.5°	906.8	907.5	905.3	909.2	910.1
10°	900.3	901.0	898.7	902.6	903.6
12.5°	892.2	892.4	890.5	894.1	895.0
15°	881.3	881.6	880.0	882.9	884.2
17.5°	868.8	869.2	866.9	870.5	871.1
20°	853.8	854.1	852.8	855.7	856.1
22.5°	837.1	837.8	835.7	838.4	838.7
25°	818.1	818.7	816.1	818.7	819.1
27.5°	798.1	798.4	796.1	798.1	797.8
30°	774.8	776.8	773.8	773.1	772.9
32.5°	750.6	750.9	748.0	747.3	748.6
35°	722.8	723.0	721.1	720.2	718.1
37.5°	692.3	692.3	688.6	688.0	687.7
40°	658.9	658.5	656.2	654.0	651.6
42.5°	622.4	623.2	618.5	614.6	614.0
45°	582.8	580.5	576.3	571.7	572.1
47.5°	536.0	536.6	530.8	527.1	526.1
50°	487.5	487.5	482.0	478.0	476.0
52.5°	436.7	437.1	431.9	426.6	425.6
55°	385.0	388.2	383.3	377.1	375.8
57.5°	336.5	339.1	334.5	327.9	327.6
60°	291.6	291.9	290.6	284.4	282.7
62.5°	253.3	251.6	250.9	247.7	245.7
65°	217.2	217.6	215.9	212.2	211.6
67.5°	188.1	187.7	184.7	182.5	181.2
70°	159.5	158.6	157.2	155.3	154.0
72.5°	134.0	134.0	133.0	132.4	130.1
75°	111.8	110.5	109.2	109.8	107.1
77.5°	90.5	89.2	88.1	86.8	86.2
80°	68.4	67.1	67.5	65.5	65.2
82.5°	47.5	47.5	46.9	45.2	45.6
85°	27.1	27.5	26.9	27.1	25.8
87.5°	9.9	10.1	10.8	10.1	10.1
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)