

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: P1050334

Luminaire Tested: PTR-14-30-PP3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-PP3-L935-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

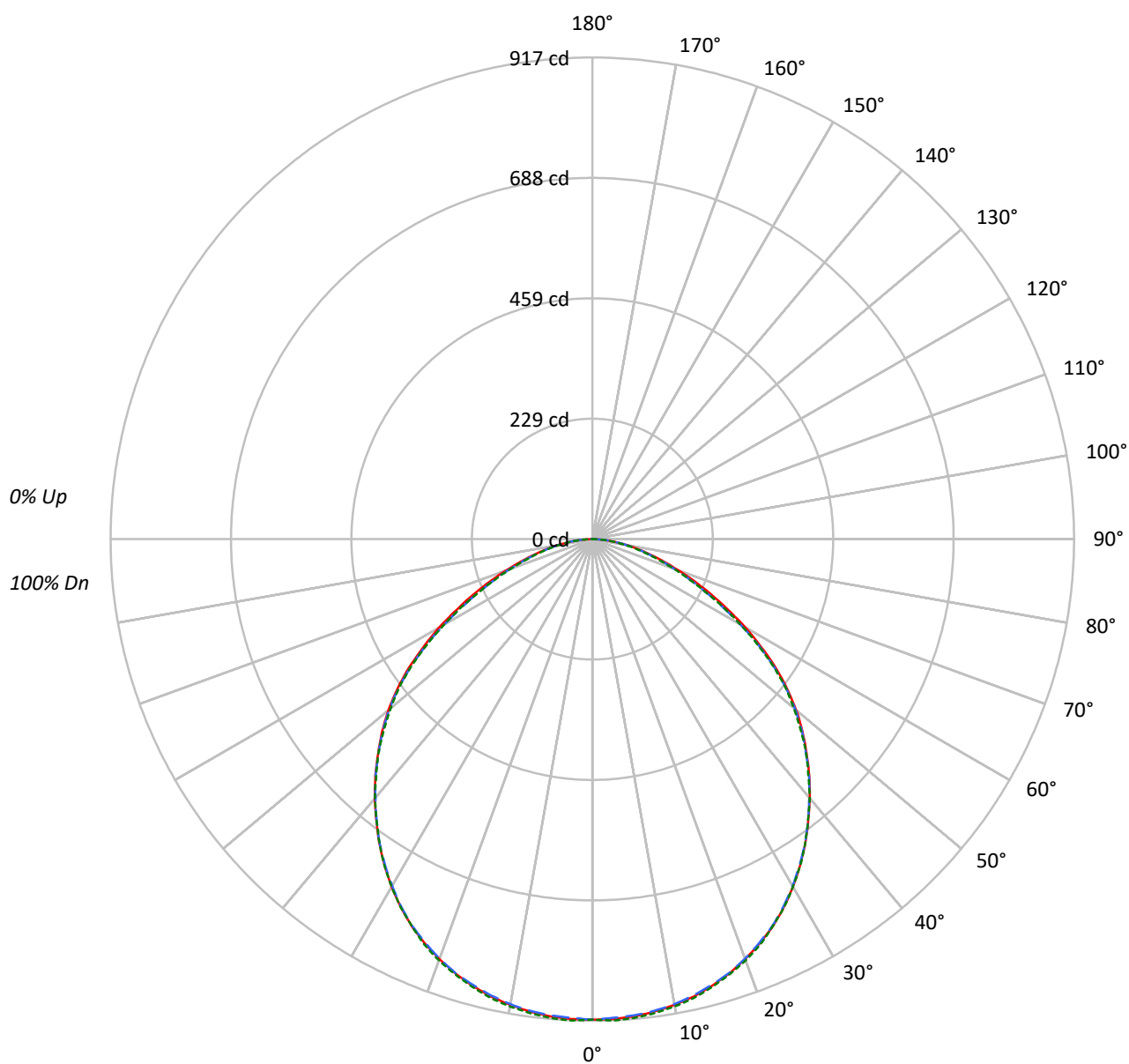
Lumens per Lamp: N/A
Luminaire Lumens: 2363.5 lumens
Efficiency: N/A
Efficacy: 102.8 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72		
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61		
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53		
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46		
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40		
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36		
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32		
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	29		
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2462	2462	2462
5°	2464	2458	2472
10°	2460	2457	2469
15°	2452	2448	2459
20°	2436	2434	2444
25°	2415	2410	2413
30°	2374	2369	2374
35°	2322	2319	2321
40°	2263	2256	2262
45°	2195	2188	2191
50°	2121	2111	2096
55°	1997	1974	1968
60°	1812	1751	1755
65°	1592	1512	1510
70°	1376	1314	1298
75°	1190	1147	1122
80°	1054	1040	993
85°	871	902	849

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2203 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	3.7
10°-20°	248.5	10.5
20°-30°	374.2	15.8
30°-40°	441.6	18.7
40°-50°	444.1	18.8
50°-60°	375.0	15.9
60°-70°	240.8	10.2
70°-80°	119.8	5.1
80°-90°	32.8	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°	709.4	30.0
0°-40°	1151.0	48.7
0°-60°	1970.1	83.4
0°-90°	2363.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2363.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	915	915	915	915	915	
5°	912	912	910	914	915	87
15°	880	880	879	882	882	248
25°	813	813	812	813	813	374
35°	707	707	706	706	706	442
45°	577	579	575	576	576	445
55°	426	425	421	419	419	379
65°	250	246	237	235	237	249
75°	114	114	110	109	108	124
85°	28	29	29	28	28	33
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	914.8	914.8	914.8	914.8	<i>914.8</i>
2.5°	<i>914.4</i>	<i>914.8</i>	<i>912.3</i>	<i>916.7</i>	<i>917.4</i>
5°	912.1	912.3	910.1	914.4	<i>915.0</i>
7.5°	907.4	907.8	905.7	909.7	<i>910.4</i>
10°	900.4	901.5	899.1	902.8	<i>903.4</i>
12.5°	891.8	892.2	889.8	894.1	<i>894.9</i>
15°	880.3	880.5	878.6	882.5	<i>882.5</i>
17.5°	866.9	867.2	865.9	869.3	<i>868.9</i>
20°	850.7	851.7	850.0	852.3	<i>853.6</i>
22.5°	833.1	833.4	831.4	834.4	<i>835.7</i>
25°	813.2	813.4	811.8	813.4	<i>812.8</i>
27.5°	789.9	790.5	788.2	789.9	<i>790.3</i>
30°	764.0	765.6	762.4	763.7	<i>764.0</i>
32.5°	736.1	737.0	734.8	735.1	<i>736.8</i>
35°	706.9	707.2	705.9	706.5	<i>706.5</i>
37.5°	675.4	676.7	674.7	675.6	<i>674.3</i>
40°	644.1	642.8	642.1	642.8	<i>643.8</i>
42.5°	611.2	611.6	610.6	609.9	<i>608.3</i>
45°	576.7	578.8	575.0	575.7	<i>575.7</i>
47.5°	542.9	543.2	541.2	539.2	<i>537.9</i>
50°	506.7	506.7	504.3	502.7	<i>500.7</i>
52.5°	467.2	466.6	463.9	462.2	<i>463.2</i>
55°	425.7	425.3	420.7	419.0	<i>419.4</i>
57.5°	380.2	380.9	373.9	372.2	<i>372.2</i>
60°	336.7	333.4	325.4	323.1	<i>326.0</i>
62.5°	291.1	287.1	278.6	278.6	<i>280.9</i>
65°	250.0	246.4	237.4	235.0	<i>237.1</i>
67.5°	211.5	208.1	199.9	198.6	<i>199.2</i>
70°	174.9	172.0	167.0	164.0	<i>165.0</i>
72.5°	143.5	140.8	137.4	135.1	<i>133.8</i>
75°	114.5	113.9	110.3	109.2	<i>107.9</i>
77.5°	90.6	90.4	87.3	86.0	<i>84.7</i>
80°	68.0	67.7	67.1	65.0	<i>64.1</i>
82.5°	48.5	48.5	48.1	46.4	<i>45.5</i>
85°	28.2	29.2	29.2	27.5	<i>27.5</i>
87.5°	11.3	11.9	11.3	11.3	<i>11.0</i>
90°	0.0	0.0	0.0	0.0	<i>0.0</i>



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)