

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: P1050330

Luminaire Tested: PTR-14-20-PP3-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050330
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-14-20-PP3-L930-UNV-STD-W
Description: 2000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source:
Ballast/Driver: -

Summary

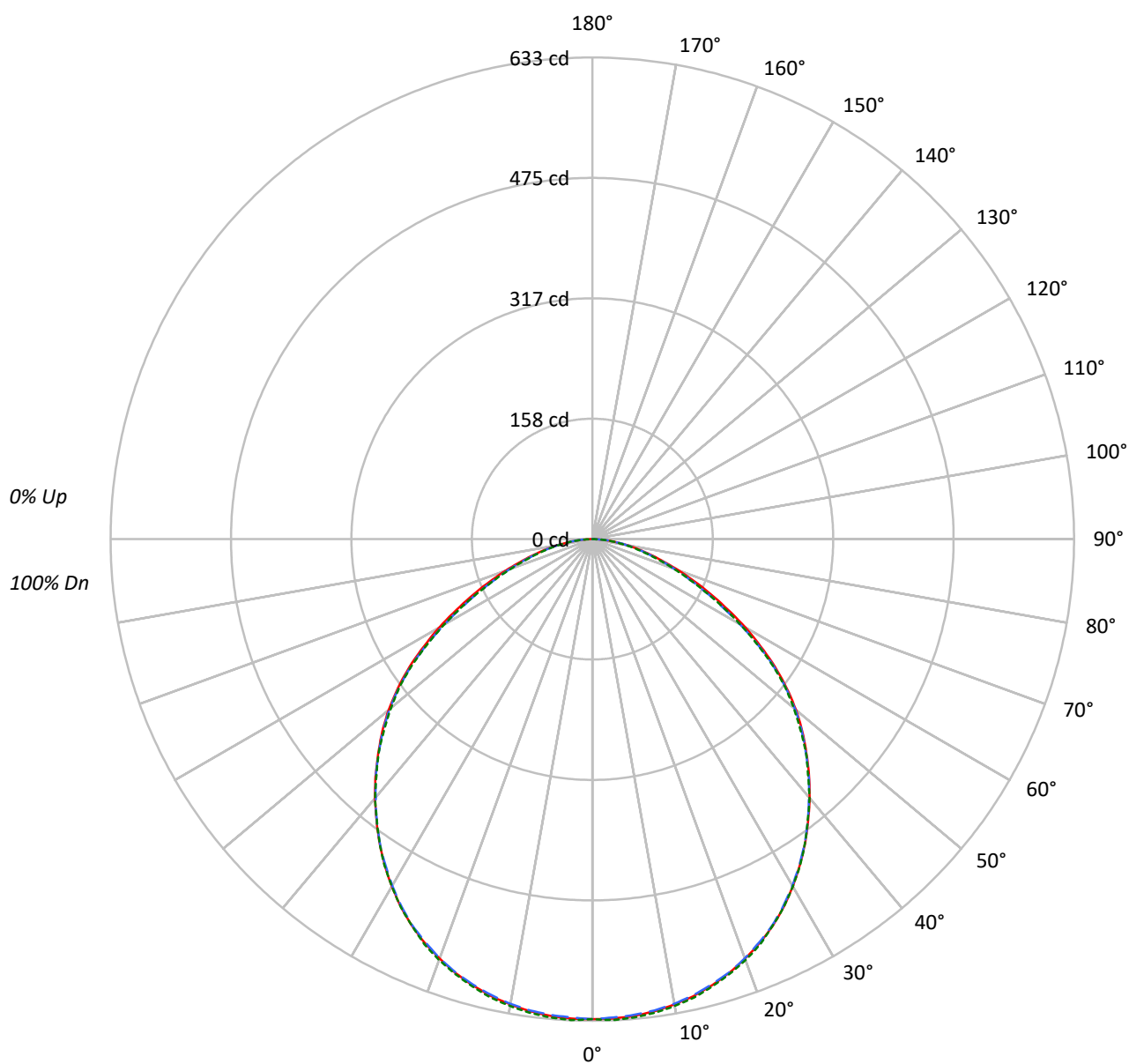
Lumens per Lamp: N/A
Luminaire Lumens: 1630.1 lumens
Efficiency: N/A
Efficacy: 101.9 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 16
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°	1698	1698	1698
5°	1699	1696	1705
10°	1697	1694	1703
15°	1691	1688	1696
20°	1680	1679	1686
25°	1665	1662	1665
30°	1637	1634	1637
35°	1601	1600	1601
40°	1561	1555	1560
45°	1513	1509	1511
50°	1463	1456	1446
55°	1377	1361	1357
60°	1250	1208	1210
65°	1098	1043	1041
70°	950	906	895
75°	821	791	774
80°	727	717	685
85°	602	621	587

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 1519 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.8	3.7
10°-20°	171.4	10.5
20°-30°	258.1	15.8
30°-40°	304.6	18.7
40°-50°	306.3	18.8
50°-60°	258.6	15.9
60°-70°	166.1	10.2
70°-80°	82.6	5.1
80°-90°	22.6	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°	489.3	30.0
0°-40°	793.9	48.7
0°-60°	1358.8	83.4
0°-90°	1630.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1630.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	631	631	631	631	631	
5°	629	629	628	631	631	60
15°	607	607	606	609	609	171
25°	561	561	560	561	561	258
35°	488	488	487	487	487	305
45°	398	399	397	397	397	307
55°	294	293	290	289	289	261
65°	172	170	164	162	164	172
75°	79	78	76	75	74	85
85°	20	20	20	19	19	23
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	630.9	630.9	630.9	630.9	630.9
2.5°	630.6	630.9	629.2	632.2	632.7
5°	629.1	629.2	627.7	630.6	631.1
7.5°	625.8	626.1	624.7	627.4	627.9
10°	621.0	621.7	620.1	622.7	623.1
12.5°	615.1	615.3	613.7	616.7	617.2
15°	607.1	607.3	605.9	608.7	608.7
17.5°	597.9	598.1	597.2	599.5	599.3
20°	586.7	587.4	586.2	587.8	588.7
22.5°	574.6	574.8	573.4	575.5	576.4
25°	560.8	561.0	559.9	561.0	560.6
27.5°	544.8	545.2	543.6	544.8	545.0
30°	526.9	528.0	525.8	526.7	526.9
32.5°	507.7	508.3	506.7	507.0	508.2
35°	487.5	487.8	486.9	487.3	487.3
37.5°	465.8	466.7	465.3	466.0	465.1
40°	444.3	443.3	442.8	443.3	444.0
42.5°	421.5	421.8	421.1	420.6	419.5
45°	397.7	399.2	396.6	397.1	397.1
47.5°	374.4	374.6	373.3	371.9	370.9
50°	349.5	349.5	347.8	346.7	345.3
52.5°	322.2	321.8	319.9	318.8	319.4
55°	293.6	293.3	290.2	289.0	289.2
57.5°	262.2	262.7	257.9	256.7	256.7
60°	232.2	229.9	224.4	222.8	224.8
62.5°	200.8	198.0	192.1	192.1	193.7
65°	172.4	169.9	163.8	162.1	163.5
67.5°	145.9	143.5	137.9	137.0	137.4
70°	120.7	118.7	115.2	113.1	113.8
72.5°	98.9	97.1	94.8	93.2	92.3
75°	79.0	78.5	76.1	75.3	74.4
77.5°	62.5	62.3	60.2	59.3	58.4
80°	46.9	46.7	46.3	44.9	44.2
82.5°	33.5	33.5	33.2	32.0	31.4
85°	19.5	20.1	20.1	19.0	19.0
87.5°	7.8	8.2	7.8	7.8	7.6
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)