

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: P1050379

Luminaire Tested: PTR-14-20-PR1-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050379
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-14-20-PR1-L930-UNV-STD-W
Description: 2000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

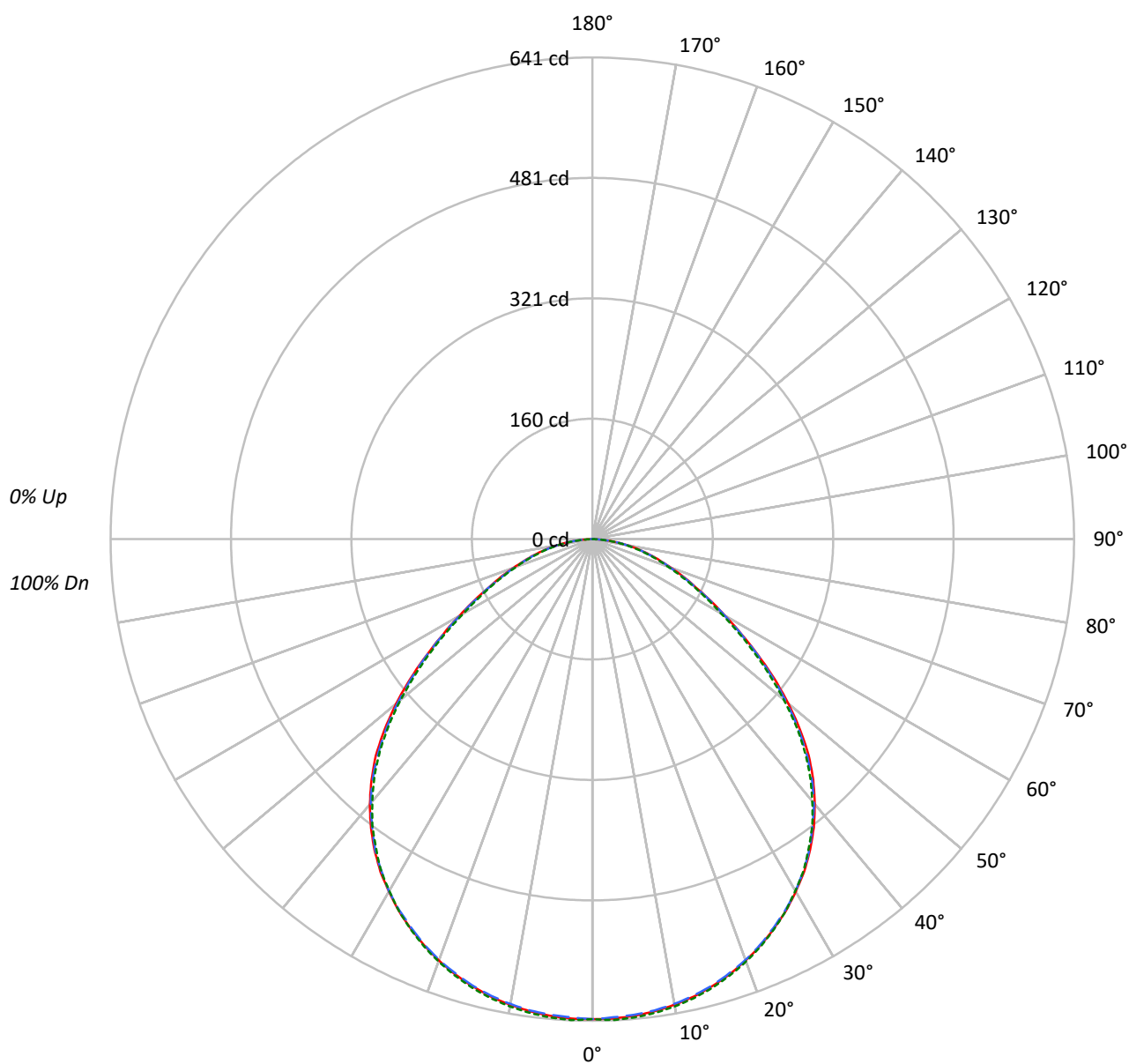
Lumens per Lamp: N/A
Luminaire Lumens: 1615.7 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	1719	1719	1719
5°	1721	1717	1726
10°	1719	1716	1726
15°	1716	1714	1722
20°	1709	1707	1713
25°	1698	1694	1700
30°	1683	1681	1679
35°	1660	1656	1649
40°	1618	1611	1600
45°	1550	1533	1521
50°	1426	1410	1393
55°	1263	1257	1232
60°	1097	1093	1063
65°	967	961	942
70°	877	865	847
75°	812	793	779
80°	741	731	707
85°	587	580	559

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1550 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.6	3.8
10°-20°	173.9	10.8
20°-30°	263.5	16.3
30°-40°	314.6	19.5
40°-50°	309.4	19.1
50°-60°	239.1	14.8
60°-70°	150.8	9.3
70°-80°	81.6	5.0
80°-90°	22.3	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°	498.0	30.8
0°-40°	812.6	50.3
0°-60°	1361.1	84.2
0°-90°	1615.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1615.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	639	639	639	639	639	
5°	637	637	636	638	639	61
15°	616	616	615	617	618	174
25°	572	572	570	572	572	264
35°	505	505	504	503	502	315
45°	407	406	403	400	400	312
55°	269	271	268	264	263	241
65°	152	152	151	148	148	153
75°	78	77	76	77	75	83
85°	19	19	19	19	18	23
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	638.9	638.9	638.9	638.9	638.9
2.5°	638.6	638.9	637.0	640.0	640.7
5°	637.0	637.3	635.6	638.4	639.1
7.5°	633.8	634.3	632.7	635.5	636.1
10°	629.2	629.7	628.1	630.9	631.5
12.5°	623.6	623.7	622.4	624.9	625.6
15°	616.0	616.2	615.1	617.1	618.0
17.5°	607.2	607.5	605.9	608.4	608.8
20°	596.8	596.9	596.0	598.1	598.3
22.5°	585.0	585.5	584.1	586.0	586.2
25°	571.8	572.2	570.4	572.2	572.5
27.5°	557.8	558.0	556.4	557.8	557.6
30°	541.5	542.9	540.9	540.4	540.2
32.5°	524.6	524.8	522.8	522.3	523.2
35°	505.2	505.3	504.0	503.3	501.9
37.5°	483.9	483.9	481.3	480.9	480.6
40°	460.5	460.2	458.7	457.1	455.4
42.5°	435.0	435.5	432.3	429.5	429.1
45°	407.3	405.7	402.8	399.6	399.8
47.5°	374.6	375.0	371.0	368.4	367.7
50°	340.7	340.7	336.9	334.1	332.7
52.5°	305.2	305.5	301.8	298.2	297.4
55°	269.1	271.3	267.9	263.6	262.7
57.5°	235.2	237.0	233.8	229.2	229.0
60°	203.8	204.0	203.1	198.8	197.6
62.5°	177.0	175.9	175.4	173.1	171.7
65°	151.8	152.1	150.9	148.3	147.9
67.5°	131.5	131.2	129.1	127.5	126.6
70°	111.5	110.8	109.9	108.6	107.7
72.5°	93.7	93.7	92.9	92.5	90.9
75°	78.1	77.2	76.3	76.7	74.9
77.5°	63.2	62.3	61.6	60.7	60.2
80°	47.8	46.9	47.2	45.8	45.6
82.5°	33.2	33.2	32.8	31.6	31.9
85°	19.0	19.2	18.8	19.0	18.1
87.5°	6.9	7.1	7.6	7.1	7.1
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)