

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: P1050077

Luminaire Tested: PTR-14-30-L835-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050077
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-30-L835-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

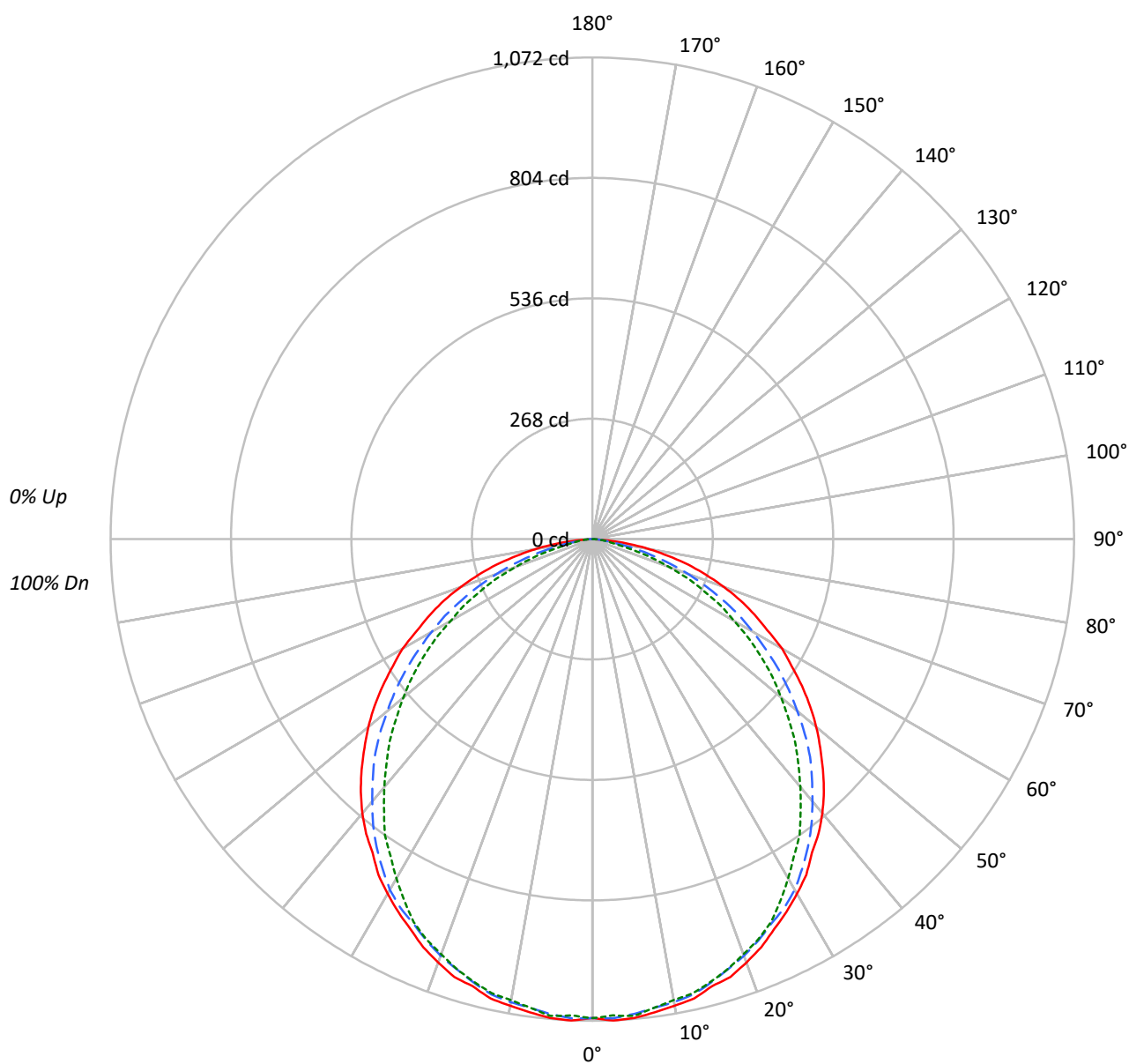
Lumens per Lamp: N/A
Luminaire Lumens: 2839.6 lumens
Efficiency: N/A
Efficacy: 123.5 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	87	87	85
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	74	74	72
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	63	63	61
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	54	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	47	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	42	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	37	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	33	33	31
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	30	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	27	27	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2869	2869	2869
5°	2890	2866	2878
10°	2882	2859	2847
15°	2869	2846	2841
20°	2871	2826	2815
25°	2843	2801	2792
30°	2831	2800	2709
35°	2799	2749	2643
40°	2797	2676	2529
45°	2762	2607	2428
50°	2725	2491	2297
55°	2672	2374	2157
60°	2624	2221	1958
65°	2535	2038	1750
70°	2453	1773	1429
75°	2304	1399	984
80°	1998	846	590
85°	1334	608	568

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2762 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.1	3.6
10°-20°	289.2	10.2
20°-30°	436.8	15.4
30°-40°	519.3	18.3
40°-50°	526.7	18.5
50°-60°	457.4	16.1
60°-70°	324.7	11.4
70°-80°	155.2	5.5
80°-90°	29.4	1.0
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°	827.0	29.1
0°-40°	1346.3	47.4
0°-60°	2330.4	82.1
0°-90°	2839.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2839.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1066	1066	1066	1066	1066	
5°	1070	1066	1061	1064	1065	102
15°	1030	1032	1022	1020	1020	292
25°	958	956	944	947	940	442
35°	852	851	837	808	804	535
45°	726	719	685	649	638	560
55°	570	552	506	476	460	509
65°	398	368	320	286	275	394
75°	222	181	135	107	95	232
85°	43	23	20	19	18	54
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1066.1	1066.1	1066.1	1066.1	1066.1
2.5°	1072.4	1068.6	1067.3	1071.8	1061.0
5°	1069.9	1066.1	1061.0	1063.5	1065.4
7.5°	1062.3	1059.1	1052.1	1057.8	1052.1
10°	1054.6	1051.5	1046.4	1048.3	1042.0
12.5°	1047.0	1039.4	1038.1	1039.4	1035.0
15°	1029.9	1032.4	1021.6	1020.4	1019.7
17.5°	1021.6	1015.3	1003.9	1004.5	1003.2
20°	1002.6	995.0	986.7	985.4	982.9
22.5°	982.9	974.0	966.4	970.2	964.5
25°	957.5	956.2	943.5	947.3	940.4
27.5°	935.3	930.8	925.1	916.9	906.7
30°	911.2	906.7	901.0	879.4	871.8
32.5°	885.8	880.7	869.2	843.8	835.6
35°	852.1	850.8	836.9	808.3	804.5
37.5°	826.7	812.7	801.3	772.1	761.3
40°	796.2	788.6	761.9	734.0	720.0
42.5°	762.6	753.7	723.2	693.4	678.1
45°	725.7	719.4	685.1	648.9	638.1
47.5°	687.6	681.9	641.3	606.4	592.4
50°	650.8	643.8	594.9	561.3	548.6
52.5°	610.8	599.4	551.1	518.1	506.1
55°	569.5	552.4	506.1	476.2	459.7
57.5°	525.7	509.9	458.4	427.3	414.0
60°	487.6	465.4	412.7	381.0	363.8
62.5°	438.7	419.7	369.5	332.1	323.8
65°	398.1	368.3	320.0	285.7	274.9
67.5°	356.8	321.9	273.0	238.1	232.4
70°	311.8	275.6	225.4	191.1	181.6
72.5°	266.0	230.5	181.6	145.4	139.7
75°	221.6	181.0	134.6	106.7	94.6
77.5°	173.3	136.5	94.6	65.4	57.8
80°	128.9	92.1	54.6	38.7	38.1
82.5°	84.4	53.3	29.2	29.8	28.6
85°	43.2	22.9	19.7	19.0	18.4
87.5°	8.3	8.9	9.5	9.5	9.5
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)