

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: P1046717

Luminaire Tested: 22PTR-35-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046717
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-L935-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

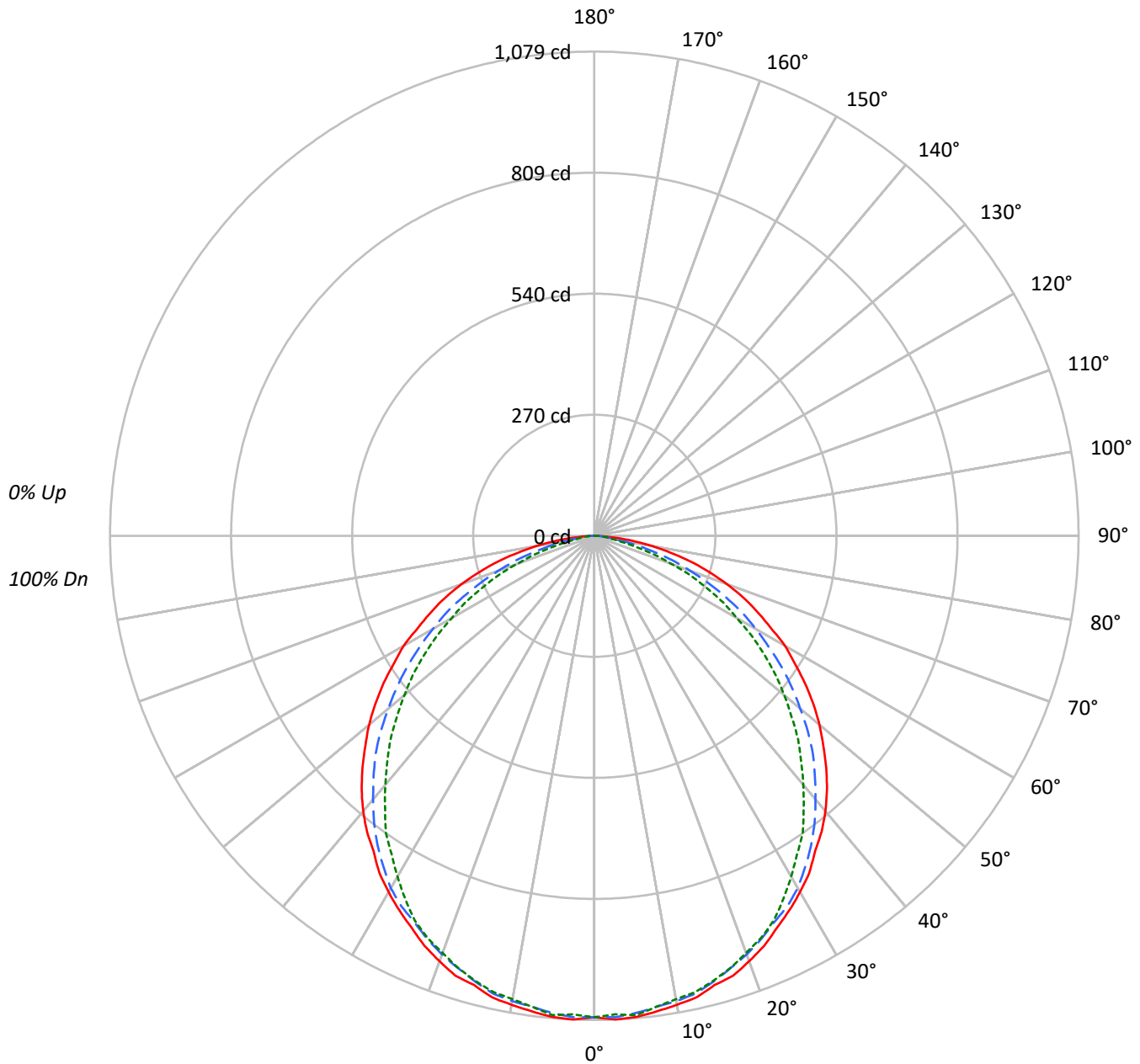
Lumens per Lamp: N/A
Luminaire Lumens: 2857.4 lumens
Efficiency: N/A
Efficacy: 109.9 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 26
Input Voltage (V): 120
Input Current (A_{in}): 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	98	95	93	95	92	90	91	89	87	85		
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72		
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61		
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52		
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45		
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40		
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35		
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31		
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28		
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	Luminous shape not found, reference photometric report, or contact the photometric lab for calculations.		
5°			
10°			
15°			
20°			
25°			
30°			
35°			
40°			
45°			
50°			
55°			
60°			
65°			
70°			
75°			
80°			
85°			

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: -
Vertical Angle: -
Luminance: -

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.7	3.6
10°-20°	291.0	10.2
20°-30°	439.5	15.4
30°-40°	522.6	18.3
40°-50°	530.0	18.5
50°-60°	460.2	16.1
60°-70°	326.7	11.4
70°-80°	156.1	5.5
80°-90°	29.6	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°	832.2	29.1
0°-40°	1354.8	47.4
0°-60°	2345.0	82.1
0°-90°	2857.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2857.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1073	1073	1073	1073	1073	
5°	1077	1073	1068	1070	1072	102
15°	1036	1039	1028	1027	1026	294
25°	964	962	949	953	946	445
35°	857	856	842	813	810	539
45°	730	724	689	653	642	563
55°	573	556	509	479	463	512
65°	401	371	322	288	277	397
75°	223	182	135	107	95	234
85°	43	23	20	19	18	55
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1072.7	1072.7	1072.7	1072.7	1072.7
2.5°	1079.1	1075.3	1074.0	1078.5	1067.6
5°	1076.6	1072.7	1067.6	1070.2	1072.1
7.5°	1068.9	1065.7	1058.7	1064.4	1058.7
10°	1061.2	1058.0	1052.9	1054.8	1048.4
12.5°	1053.6	1045.9	1044.6	1045.9	1041.4
15°	1036.3	1038.9	1028.0	1026.7	1026.1
17.5°	1028.0	1021.6	1010.1	1010.8	1009.5
20°	1008.8	1001.2	992.9	991.6	989.0
22.5°	989.0	980.1	972.4	976.3	970.5
25°	963.5	962.2	949.4	953.3	946.2
27.5°	941.1	936.6	930.9	922.6	912.4
30°	916.8	912.4	906.6	884.9	877.2
32.5°	891.3	886.2	874.7	849.1	840.8
35°	857.4	856.1	842.1	813.3	809.5
37.5°	831.9	817.8	806.3	776.9	766.1
40°	801.2	793.5	766.7	738.6	724.5
42.5°	767.3	758.4	727.7	697.7	682.4
45°	730.3	723.9	689.4	653.0	642.1
47.5°	691.9	686.2	645.3	610.2	596.1
50°	654.9	647.9	598.7	564.8	552.0
52.5°	614.6	603.1	554.6	521.3	509.2
55°	573.1	555.8	509.2	479.2	462.6
57.5°	529.0	513.0	461.3	430.0	416.6
60°	490.7	468.3	415.3	383.3	366.1
62.5°	441.5	422.3	371.8	334.1	325.8
65°	400.6	370.6	322.0	287.5	276.6
67.5°	359.1	323.9	274.7	239.6	233.8
70°	313.7	277.3	226.8	192.3	182.7
72.5°	267.7	231.9	182.7	146.3	140.6
75°	223.0	182.1	135.4	107.3	95.2
77.5°	174.4	137.4	95.2	65.8	58.1
80°	129.7	92.6	54.9	39.0	38.3
82.5°	85.0	53.7	29.4	30.0	28.8
85°	43.4	23.0	19.8	19.2	18.5
87.5°	8.3	8.9	9.6	9.6	9.6
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)