

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: P1046713

Luminaire Tested: 22PTR-35-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046713
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-L835-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

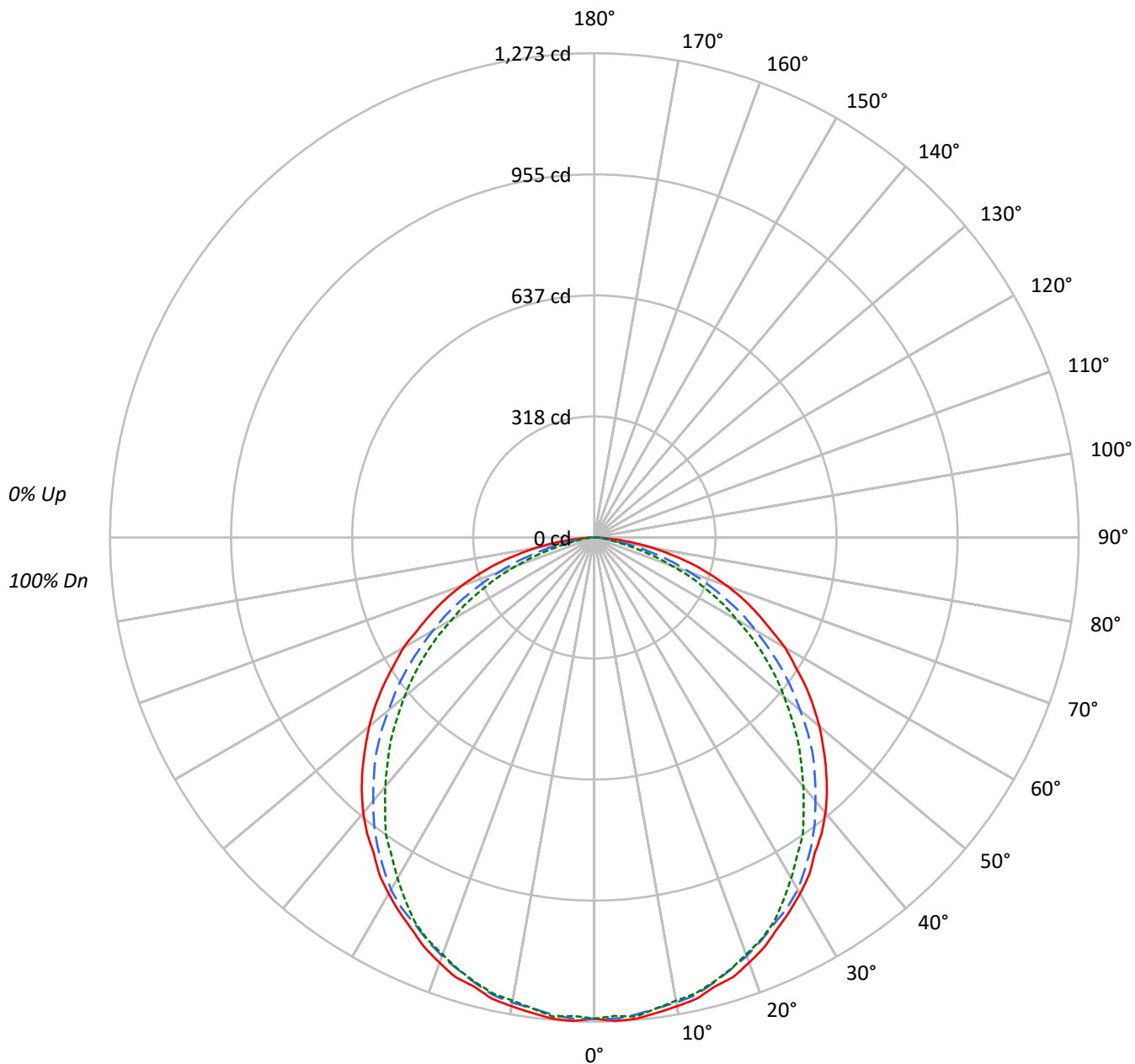
Lumens per Lamp: N/A
Luminaire Lumens: 3369.9 lumens
Efficiency: N/A
Efficacy: 129.6 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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°	119.9	3.6
10°-20°	343.2	10.2
20°-30°	518.4	15.4
30°-40°	616.3	18.3
40°-50°	625.1	18.5
50°-60°	542.8	16.1
60°-70°	385.3	11.4
70°-80°	184.1	5.5
80°-90°	34.9	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°	981.4	29.1
0°-40°	1597.7	47.4
0°-60°	2765.6	82.1
0°-90°	3369.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3369.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1265	1265	1265	1265	1265	
5°	1270	1265	1259	1262	1264	121
15°	1222	1225	1212	1211	1210	346
25°	1136	1135	1120	1124	1116	525
35°	1011	1010	993	959	955	635
45°	861	854	813	770	757	664
55°	676	656	600	565	546	604
65°	472	437	380	339	326	468
75°	263	215	160	127	112	276
85°	51	27	23	23	22	65
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1265.1	1265.1	1265.1	1265.1	1265.1
2.5°	1272.7	1268.1	1266.6	1271.9	1259.1
5°	1269.7	1265.1	1259.1	1262.1	1264.4
7.5°	1260.6	1256.8	1248.6	1255.3	1248.6
10°	1251.6	1247.8	1241.8	1244.0	1236.5
12.5°	1242.5	1233.5	1232.0	1233.5	1228.2
15°	1222.2	1225.2	1212.4	1210.9	1210.1
17.5°	1212.4	1204.9	1191.3	1192.0	1190.5
20°	1189.8	1180.7	1170.9	1169.4	1166.4
22.5°	1166.4	1155.9	1146.8	1151.4	1144.6
25°	1136.3	1134.8	1119.7	1124.2	1115.9
27.5°	1109.9	1104.6	1097.9	1088.1	1076.0
30°	1081.3	1076.0	1069.2	1043.6	1034.6
32.5°	1051.1	1045.1	1031.5	1001.4	991.6
35°	1011.2	1009.7	993.1	959.2	954.7
37.5°	981.1	964.5	950.9	916.3	903.5
40°	944.9	935.9	904.2	871.1	854.5
42.5°	905.0	894.4	858.2	822.8	804.7
45°	861.3	853.7	813.0	770.1	757.3
47.5°	816.0	809.3	761.0	719.6	703.0
50°	772.3	764.1	706.0	666.1	651.0
52.5°	724.9	711.3	654.0	614.9	600.5
55°	675.9	655.5	600.5	565.1	545.5
57.5°	623.9	605.1	544.0	507.1	491.3
60°	578.7	552.3	489.8	452.1	431.8
62.5°	520.7	498.1	438.5	394.1	384.3
65°	472.4	437.0	379.8	339.1	326.3
67.5°	423.5	382.0	324.0	282.6	275.8
70°	370.0	327.0	267.5	226.8	215.5
72.5°	315.7	273.5	215.5	172.6	165.8
75°	263.0	214.7	159.7	126.6	112.3
77.5°	205.7	162.0	112.3	77.6	68.6
80°	153.0	109.3	64.8	46.0	45.2
82.5°	100.2	63.3	34.7	35.4	33.9
85°	51.2	27.1	23.4	22.6	21.9
87.5°	9.8	10.5	11.3	11.3	11.3
90°	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)