

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: P1046885

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

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046885
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-224-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-PLG-L935-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

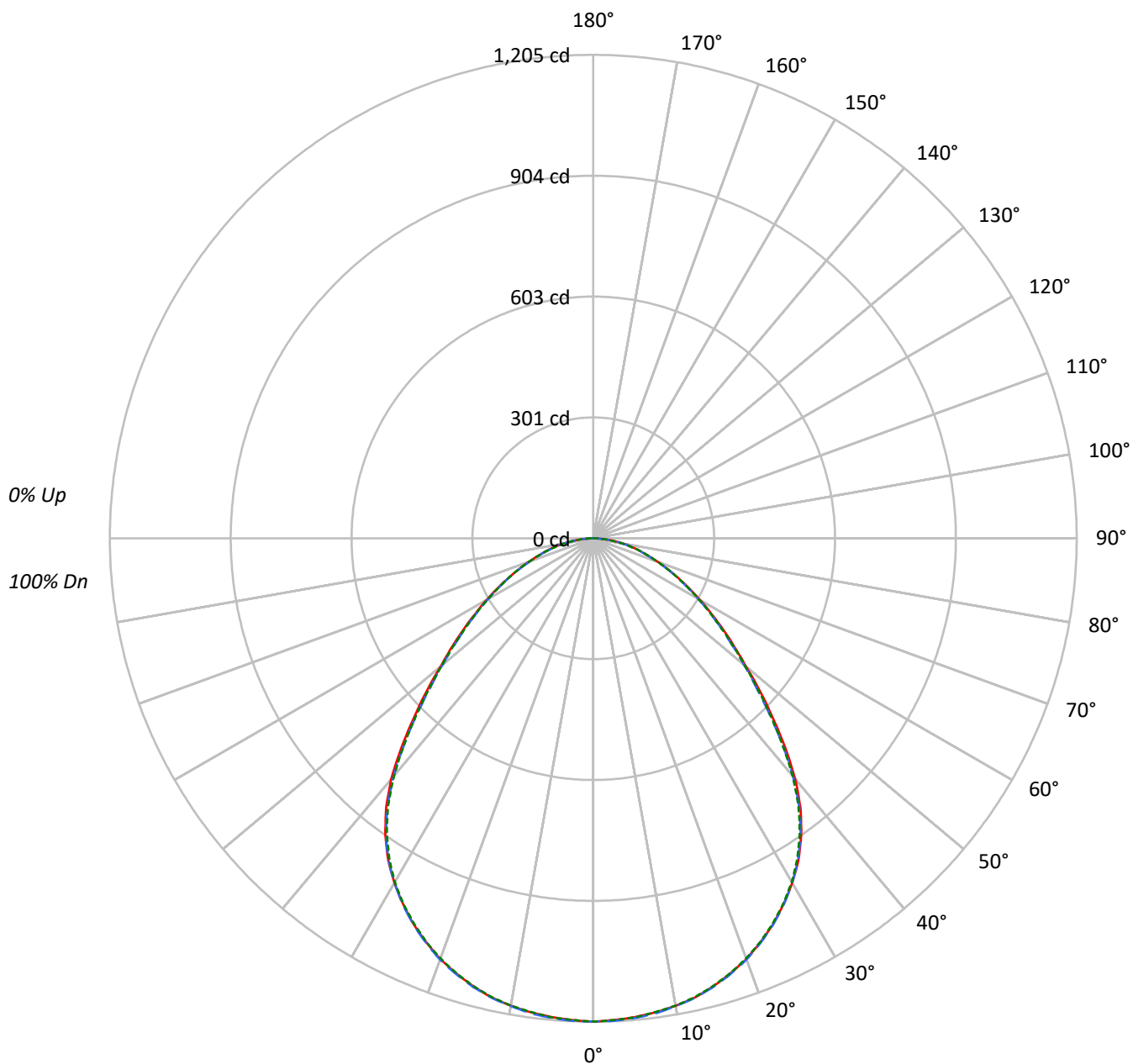
Lumens per Lamp: N/A
Luminaire Lumens: 2714.5 lumens
Efficiency: N/A
Efficacy: 104.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 26
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	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86		
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74		
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64		
4	86	75	67	60	84	73	66	60	71	64	59	69	63	58	67	62	58	56		
5	79	67	59	53	77	66	58	53	64	57	52	62	56	51	61	55	51	49		
6	74	61	53	47	72	60	52	47	58	51	46	57	51	46	55	50	45	43		
7	69	56	48	42	67	55	47	42	54	46	41	52	46	41	51	45	41	39		
8	64	51	43	38	62	51	43	38	49	42	37	48	42	37	47	41	37	35		
9	60	47	39	34	59	47	39	34	46	39	34	44	38	34	43	38	34	32		
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	31	29		

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°	114.1	4.2
10°-20°	326.4	12.0
20°-30°	488.3	18.0
30°-40°	559.5	20.6
40°-50°	483.9	17.8
50°-60°	350.2	12.9
60°-70°	230.7	8.5
70°-80°	125.5	4.6
80°-90°	36.0	1.3
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°	928.7	34.2
0°-40°	1488.2	54.8
0°-60°	2322.3	85.6
0°-90°	2714.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2714.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1205	1205	1205	1205	1205	
5°	1198	1200	1200	1200	1199	114
15°	1156	1157	1158	1159	1155	326
25°	1061	1061	1062	1063	1058	488
35°	904	903	901	900	897	561
45°	632	630	622	621	624	489
55°	393	392	387	385	388	354
65°	233	234	231	229	232	232
75°	119	119	117	117	119	127
85°	32	32	32	32	28	37
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1204.7	1204.7	1204.7	1204.7	1204.7
2.5°	1202.1	1204.7	1203.8	1204.7	1202.1
5°	1197.8	1200.4	1200.4	1200.4	1198.7
7.5°	1191.9	1193.6	1194.4	1195.3	1191.0
10°	1183.3	1185.0	1184.2	1185.9	1182.5
12.5°	1172.2	1172.2	1173.1	1174.8	1171.3
15°	1156.0	1156.8	1157.7	1159.4	1155.1
17.5°	1137.1	1138.0	1138.9	1139.7	1136.3
20°	1115.8	1115.8	1117.5	1118.3	1114.1
22.5°	1089.3	1089.3	1091.0	1093.5	1088.4
25°	1061.0	1061.0	1061.9	1062.8	1058.5
27.5°	1027.7	1027.7	1028.6	1031.1	1026.0
30°	991.8	990.9	991.8	992.7	989.2
32.5°	951.6	950.8	949.9	950.8	946.5
35°	903.7	902.9	901.2	900.3	896.9
37.5°	848.2	846.4	843.0	843.0	839.6
40°	783.2	778.9	774.6	772.9	772.1
42.5°	707.9	704.5	698.5	697.7	697.7
45°	631.8	630.1	621.6	620.7	624.1
47.5°	563.4	559.2	551.5	549.8	554.9
50°	495.9	496.8	489.9	487.3	492.5
52.5°	442.9	441.2	435.2	433.5	437.8
55°	393.3	391.6	387.3	384.7	388.2
57.5°	348.0	347.1	342.9	342.0	343.7
60°	306.9	306.1	302.7	301.8	302.7
62.5°	268.5	268.5	265.0	263.3	265.9
65°	232.6	234.3	230.8	229.1	231.7
67.5°	200.1	201.8	198.4	196.6	200.1
70°	169.3	171.0	167.6	165.9	169.3
72.5°	142.8	143.6	141.1	140.2	144.5
75°	118.8	118.8	117.1	117.1	118.8
77.5°	96.6	95.8	94.9	94.9	93.2
80°	74.4	73.5	73.5	73.5	71.0
82.5°	53.0	51.3	52.2	53.0	48.7
85°	31.6	31.6	31.6	32.5	28.2
87.5°	12.8	12.8	12.0	12.8	11.1
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)