

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: P1046712

Luminaire Tested: 22PTR-35-L830-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046712
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-L830-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 80 CRI LEDS AND FROSTED LENS

Light Source:
Ballast/Driver: -

Summary

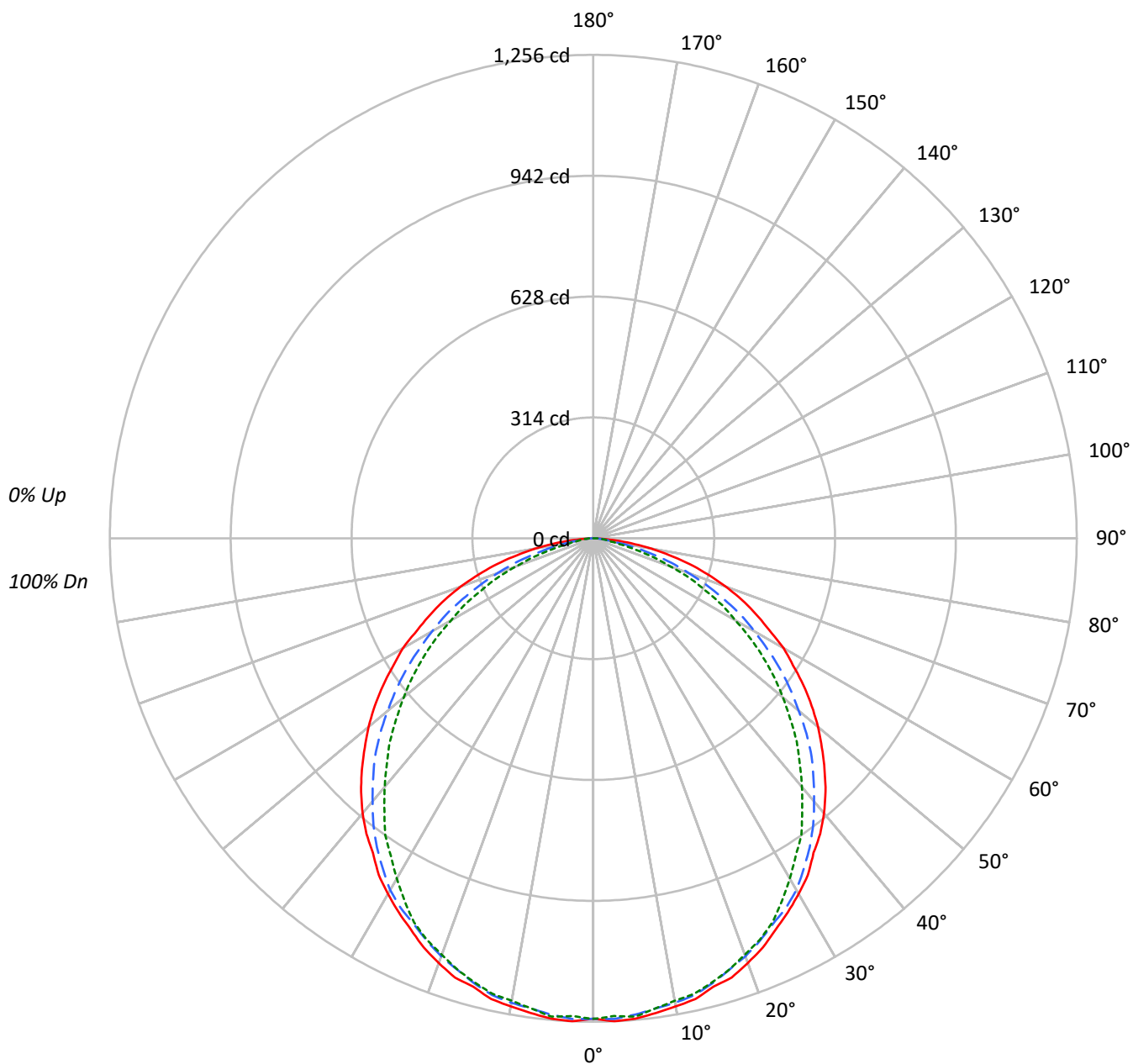
Lumens per Lamp: N/A
Luminaire Lumens: 3325.4 lumens
Efficiency: N/A
Efficacy: 127.9 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: (L: 2' x W: 0' x H: 2'
CIE Type: Direct

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°	118.3	3.6
10°-20°	338.6	10.2
20°-30°	511.5	15.4
30°-40°	608.2	18.3
40°-50°	616.8	18.5
50°-60°	535.6	16.1
60°-70°	380.2	11.4
70°-80°	181.7	5.5
80°-90°	34.5	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°	968.5	29.1
0°-40°	1576.6	47.4
0°-60°	2729.0	82.1
0°-90°	3325.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3325.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1248	1248	1248	1248	1248	
5°	1253	1248	1242	1245	1248	119
15°	1206	1209	1196	1195	1194	342
25°	1121	1120	1105	1109	1101	518
35°	998	996	980	946	942	627
45°	850	842	802	760	747	656
55°	667	647	593	558	538	596
65°	466	431	375	335	322	462
75°	260	212	158	125	111	272
85°	51	27	23	22	22	64
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1248.4	1248.4	1248.4	1248.4	1248.4
2.5°	1255.9	1251.4	1249.9	1255.1	1242.5
5°	1252.9	1248.4	1242.5	1245.4	1247.7
7.5°	1244.0	1240.2	1232.1	1238.8	1232.1
10°	1235.0	1231.3	1225.4	1227.6	1220.2
12.5°	1226.1	1217.2	1215.7	1217.2	1212.0
15°	1206.0	1209.0	1196.4	1194.9	1194.1
17.5°	1196.4	1188.9	1175.6	1176.3	1174.8
20°	1174.1	1165.1	1155.5	1154.0	1151.0
22.5°	1151.0	1140.6	1131.7	1136.1	1129.5
25°	1121.3	1119.8	1104.9	1109.4	1101.2
27.5°	1095.2	1090.0	1083.4	1073.7	1061.8
30°	1067.0	1061.8	1055.1	1029.8	1020.9
32.5°	1037.3	1031.3	1017.9	988.2	978.5
35°	997.8	996.4	980.0	946.5	942.1
37.5°	968.1	951.7	938.4	904.2	891.5
40°	932.4	923.5	892.3	859.5	843.2
42.5°	893.0	882.6	846.9	812.0	794.1
45°	849.9	842.4	802.3	759.9	747.3
47.5°	805.3	798.6	751.0	710.1	693.7
50°	762.1	754.0	696.7	657.3	642.4
52.5°	715.3	701.9	645.4	606.7	592.6
55°	667.0	646.9	592.6	557.7	538.3
57.5°	615.7	597.1	536.8	500.4	484.8
60°	571.0	545.0	483.3	446.1	426.1
62.5°	513.8	491.5	432.7	388.9	379.2
65°	466.2	431.3	374.7	334.6	322.0
67.5°	417.9	377.0	319.7	278.8	272.1
70°	365.1	322.7	264.0	223.8	212.7
72.5°	311.5	269.9	212.7	170.3	163.6
75°	259.5	211.9	157.6	124.9	110.8
77.5°	203.0	159.9	110.8	76.6	67.7
80°	150.9	107.8	63.9	45.4	44.6
82.5°	98.9	62.5	34.2	34.9	33.5
85°	50.6	26.8	23.1	22.3	21.6
87.5°	9.7	10.4	11.2	11.2	11.2
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)