

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: P1046755

Luminaire Tested: 22PTR-35-PB1-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046755
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737703)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-PB1-L835-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

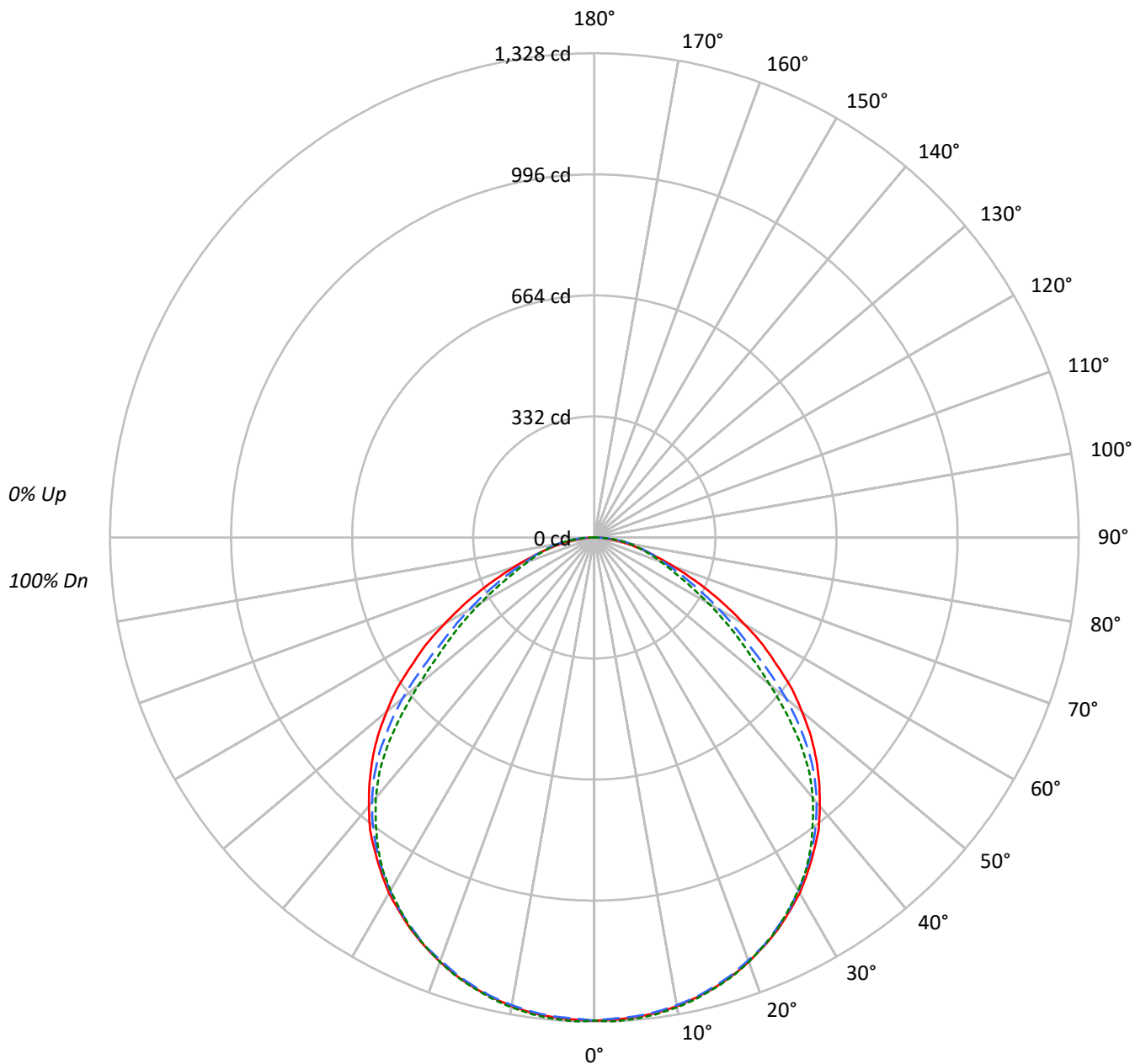
Lumens per Lamp: N/A
Luminaire Lumens: 3304.0 lumens
Efficiency: N/A
Efficacy: 127.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86		
2	100	93	86	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73		
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	64	62		
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54		
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47		
6	72	60	51	45	71	59	51	45	57	50	44	55	49	44	54	48	44	42		
7	67	54	46	40	66	53	45	40	52	45	39	51	44	39	49	43	39	37		
8	63	50	41	36	61	49	41	36	48	41	35	46	40	35	45	39	35	33		
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30		
10	55	42	34	29	54	42	34	29	41	34	29	40	33	29	39	33	29	27		

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°	125.6	3.8
10°-20°	360.5	10.9
20°-30°	546.1	16.5
30°-40°	650.7	19.7
40°-50°	636.3	19.3
50°-60°	481.3	14.6
60°-70°	295.7	8.9
70°-80°	157.5	4.8
80°-90°	50.3	1.5
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°	1032.2	31.2
0°-40°	1682.9	50.9
0°-60°	2800.5	84.8
0°-90°	3304.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3304.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1325	1325	1325	1325	1325	
5°	1320	1322	1318	1324	1325	126
15°	1278	1279	1274	1279	1279	361
25°	1188	1186	1183	1185	1186	547
35°	1050	1048	1042	1036	1035	656
45°	860	856	833	805	798	662
55°	611	580	520	491	482	547
65°	344	316	290	267	259	342
75°	147	148	150	145	142	157
85°	33	42	52	49	46	39
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1325.0	1325.0	1325.0	1325.0	1325.0
2.5°	1323.5	1325.0	1320.1	1326.7	1328.3
5°	1320.1	1321.8	1318.5	1323.5	1325.0
7.5°	1315.3	1315.3	1312.0	1316.8	1318.5
10°	1305.5	1305.5	1302.3	1307.1	1308.8
12.5°	1292.5	1292.5	1290.8	1294.0	1295.8
15°	1277.8	1279.3	1274.5	1279.3	1279.3
17.5°	1259.8	1258.3	1256.6	1259.8	1261.5
20°	1238.6	1238.6	1233.8	1237.1	1238.6
22.5°	1214.1	1214.1	1212.6	1214.1	1212.6
25°	1188.1	1186.4	1183.2	1184.9	1186.4
27.5°	1157.2	1157.2	1153.9	1153.9	1152.2
30°	1126.2	1124.5	1119.7	1116.4	1118.0
32.5°	1088.7	1087.0	1082.2	1079.0	1080.5
35°	1049.5	1048.0	1041.5	1036.5	1035.0
37.5°	1010.5	1005.6	997.4	990.9	984.4
40°	961.6	956.6	948.6	933.9	932.2
42.5°	912.7	907.9	894.7	876.9	871.9
45°	860.5	855.7	832.8	805.0	798.5
47.5°	805.0	797.0	761.1	726.8	713.8
50°	743.3	728.6	686.1	642.1	627.4
52.5°	682.9	656.9	601.4	562.2	547.7
55°	611.2	580.2	520.0	490.6	482.3
57.5°	547.7	505.3	456.3	427.1	420.6
60°	474.3	435.1	396.1	369.9	360.2
62.5°	407.4	373.2	340.7	317.7	306.4
65°	343.9	316.2	290.2	267.3	259.2
67.5°	282.0	267.3	246.0	228.3	223.3
70°	229.8	221.6	207.0	198.8	192.3
72.5°	182.6	185.8	176.1	172.8	167.9
75°	146.6	148.3	149.9	145.1	141.8
77.5°	110.9	118.9	125.4	122.2	118.9
80°	83.2	91.2	102.7	97.9	97.9
82.5°	57.0	66.9	76.7	73.4	71.7
85°	32.7	42.4	52.2	48.9	45.7
87.5°	13.0	21.2	22.8	22.8	21.2
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)