

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: P1046759

Luminaire Tested: 22PTR-35-PB1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046759
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-L935-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND BEVEL LENS

Light Source:
Ballast/Driver: -

Summary

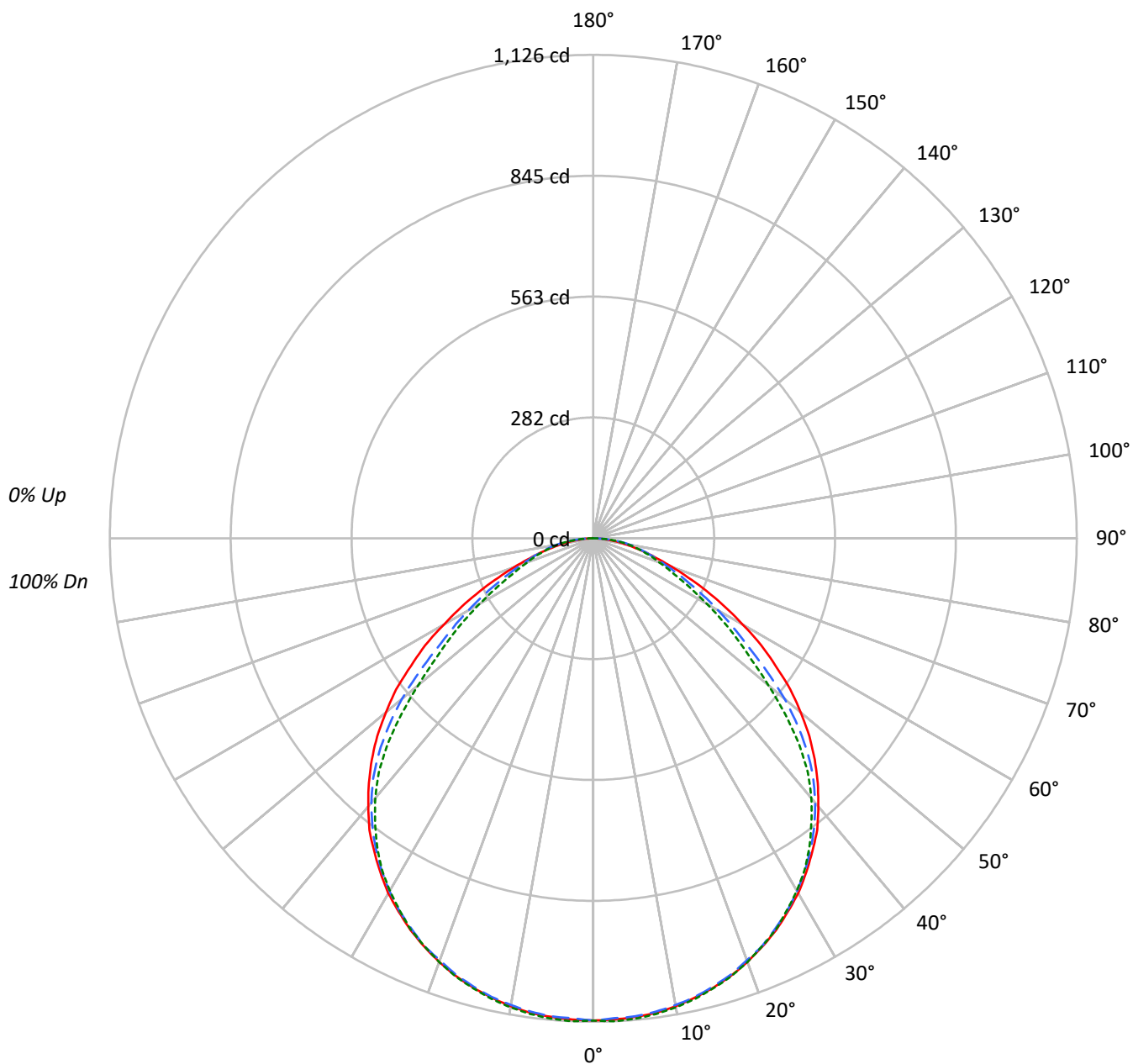
Lumens per Lamp: N/A
Luminaire Lumens: 2801.0 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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°	106.5	3.8
10°-20°	305.6	10.9
20°-30°	462.9	16.5
30°-40°	551.6	19.7
40°-50°	539.4	19.3
50°-60°	408.0	14.6
60°-70°	250.7	9.0
70°-80°	133.6	4.8
80°-90°	42.6	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°	875.1	31.2
0°-40°	1426.7	50.9
0°-60°	2374.2	84.8
0°-90°	2801.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2801.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1123	1123	1123	1123	1123	
5°	1119	1120	1118	1122	1123	106
15°	1083	1085	1080	1085	1085	306
25°	1007	1006	1003	1004	1006	464
35°	890	888	883	879	877	557
45°	730	725	706	682	677	561
55°	518	492	441	416	409	464
65°	292	268	246	227	220	290
75°	124	126	127	123	120	133
85°	28	36	44	42	39	33
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1123.3	1123.3	1123.3	1123.3	1123.3
2.5°	1122.0	1123.3	1119.1	1124.7	1126.1
5°	1119.1	1120.5	1117.8	1122.0	1123.3
7.5°	1115.0	1115.0	1112.3	1116.3	1117.8
10°	1106.8	1106.8	1104.0	1108.1	1109.5
12.5°	1095.7	1095.7	1094.3	1097.0	1098.5
15°	1083.3	1084.6	1080.5	1084.6	1084.6
17.5°	1068.0	1066.7	1065.3	1068.0	1069.5
20°	1050.0	1050.0	1046.0	1048.7	1050.0
22.5°	1029.3	1029.3	1028.0	1029.3	1028.0
25°	1007.3	1005.8	1003.0	1004.5	1005.8
27.5°	981.0	981.0	978.2	978.2	976.8
30°	954.7	953.3	949.2	946.5	947.8
32.5°	923.0	921.5	917.5	914.7	916.0
35°	889.8	888.5	882.9	878.7	877.4
37.5°	856.7	852.5	845.5	840.0	834.5
40°	815.2	811.0	804.2	791.7	790.3
42.5°	773.7	769.7	758.5	743.4	739.2
45°	729.5	725.4	706.0	682.5	677.0
47.5°	682.5	675.7	645.2	616.2	605.2
50°	630.1	617.6	581.7	544.4	531.9
52.5°	578.9	556.9	509.9	476.6	464.3
55°	518.1	491.9	440.8	415.9	408.9
57.5°	464.3	428.3	386.9	362.1	356.5
60°	402.1	368.9	335.8	313.6	305.3
62.5°	345.4	316.4	288.8	269.4	259.8
65°	291.6	268.1	246.0	226.6	219.8
67.5°	239.0	226.6	208.6	193.5	189.3
70°	194.8	187.8	175.5	168.6	163.0
72.5°	154.8	157.5	149.3	146.5	142.3
75°	124.3	125.8	127.1	123.0	120.2
77.5°	94.0	100.8	106.3	103.6	100.8
80°	70.5	77.3	87.0	83.0	83.0
82.5°	48.3	56.7	65.0	62.2	60.8
85°	27.7	36.0	44.2	41.5	38.7
87.5°	11.0	18.0	19.3	19.3	18.0
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)