

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: P1046970

Luminaire Tested: 22PTR-35-PR1-L940-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046970
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35-PR1-L940-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

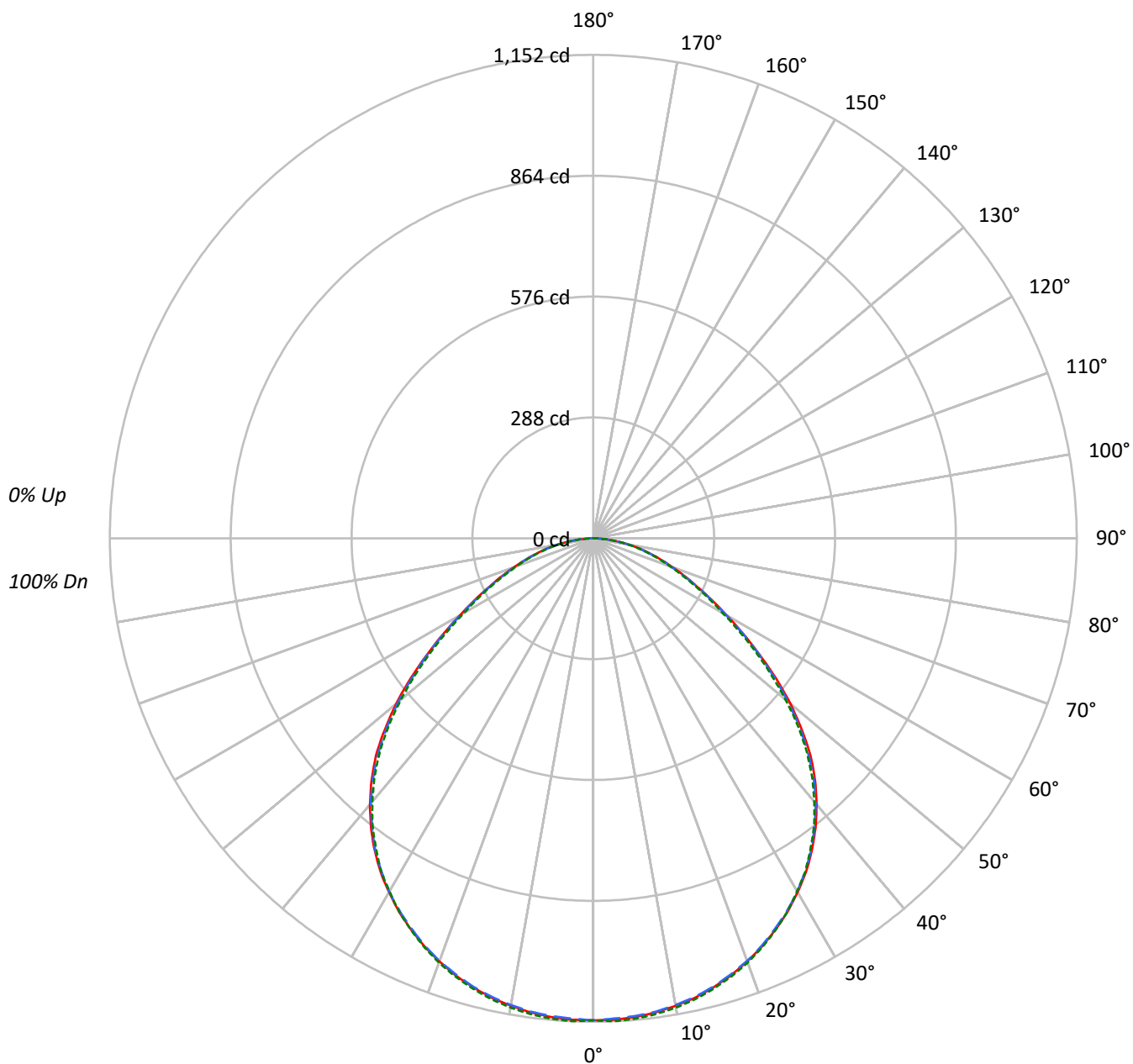
Lumens per Lamp: N/A
Luminaire Lumens: 2905.1 lumens
Efficiency: N/A
Efficacy: 111.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	92	90	91	89	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	71	66	75	70	65	72	68	64	62		
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54		
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47		
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41		
7	67	54	45	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37		
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33		
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30		
10	55	42	34	29	54	41	34	29	40	34	29	39	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°	109.0	3.8
10°-20°	312.8	10.8
20°-30°	473.8	16.3
30°-40°	565.6	19.5
40°-50°	556.3	19.1
50°-60°	429.9	14.8
60°-70°	271.1	9.3
70°-80°	146.6	5.0
80°-90°	40.0	1.4
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°	895.5	30.8
0°-40°	1461.2	50.3
0°-60°	2447.3	84.2
0°-90°	2905.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2905.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1149	1149	1149	1149	1149	
5°	1145	1146	1143	1148	1149	109
15°	1108	1108	1106	1110	1111	313
25°	1028	1029	1026	1029	1029	474
35°	908	909	906	905	902	567
45°	732	730	724	718	719	561
55°	484	488	482	474	472	434
65°	273	274	271	267	266	275
75°	140	139	137	138	135	149
85°	34	35	34	34	32	41
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1148.7	1148.7	1148.7	1148.7	1148.7
2.5°	1148.3	1148.7	1145.4	1150.8	1152.0
5°	1145.4	1145.9	1142.9	1147.8	1149.2
7.5°	1139.6	1140.5	1137.7	1142.6	1143.8
10°	1131.4	1132.3	1129.4	1134.4	1135.6
12.5°	1121.2	1121.5	1119.1	1123.6	1124.8
15°	1107.6	1107.9	1106.0	1109.5	1111.2
17.5°	1091.9	1092.3	1089.5	1094.0	1094.7
20°	1073.0	1073.3	1071.7	1075.4	1075.9
22.5°	1052.0	1052.8	1050.3	1053.6	1054.0
25°	1028.2	1028.9	1025.6	1028.9	1029.4
27.5°	1003.0	1003.3	1000.5	1003.0	1002.6
30°	973.7	976.3	972.5	971.6	971.3
32.5°	943.3	943.6	940.1	939.2	940.8
35°	908.3	908.6	906.2	905.0	902.5
37.5°	870.0	870.0	865.4	864.7	864.2
40°	828.0	827.6	824.7	821.9	818.9
42.5°	782.2	783.1	777.3	772.4	771.6
45°	732.4	729.6	724.2	718.5	719.0
47.5°	673.6	674.4	667.0	662.4	661.2
50°	612.6	612.6	605.7	600.8	598.2
52.5°	548.9	549.3	542.7	536.1	534.8
55°	483.8	487.8	481.7	473.9	472.3
57.5°	422.9	426.2	420.4	412.1	411.7
60°	366.5	366.8	365.2	357.4	355.3
62.5°	318.3	316.2	315.3	311.3	308.8
65°	273.0	273.5	271.4	266.7	266.0
67.5°	236.4	235.9	232.2	229.3	227.7
70°	200.5	199.3	197.6	195.2	193.6
72.5°	168.4	168.4	167.1	166.3	163.5
75°	140.5	138.8	137.2	137.9	134.6
77.5°	113.7	112.0	110.7	109.1	108.3
80°	86.0	84.4	84.8	82.3	82.0
82.5°	59.7	59.7	58.9	56.8	57.3
85°	34.1	34.6	33.8	34.1	32.5
87.5°	12.4	12.7	13.6	12.7	12.7
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)