

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: PORTFOLIO

Report Number: P778272

Luminaire Tested: LERS4D15D010-EC4DR2015309050-4LBS1B

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P778272
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2310-195-36)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LERS4D15D010-EC4DR2015309050-4LBS1B
Description: 4 INCH ROUND SHALLOW SPECULAR BLACK TRIM, WITH 20° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1502.7 lumens
Efficiency: N/A
Efficacy: 95.1 lumens/watt
Spacing Criteria (0/90/45): 0.34 / 0.34 / 0.36
Luminous Opening: Circular (Dia: 0.35' x H: 0')
CIE Type: Direct

Input Watts (W): 15.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

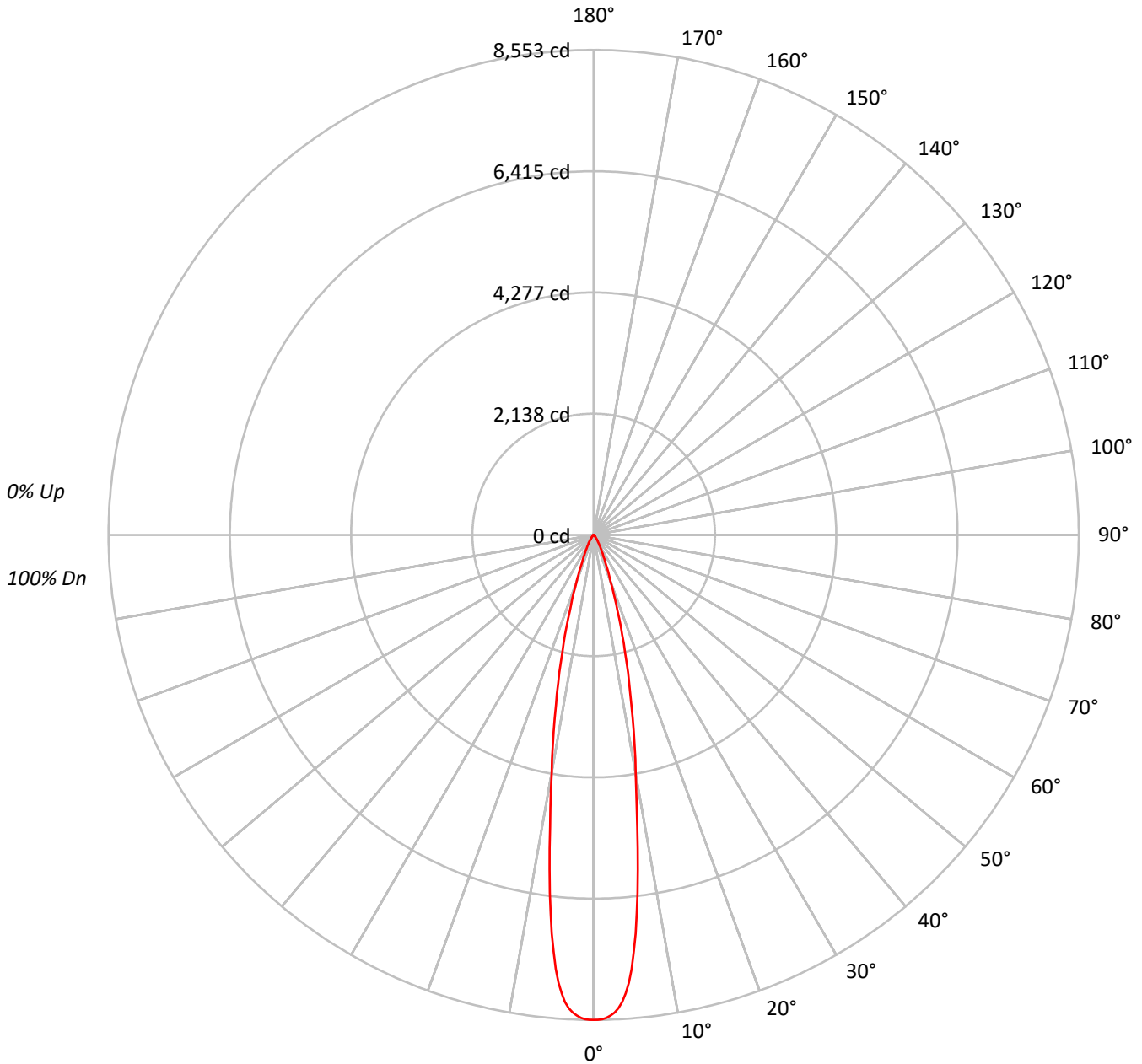


Downlight



TEST NUMBER: P778272
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Luminous Intensity Polar Plot





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	609.0	40.5
10°-20°	599.6	39.9
20°-30°	195.9	13.0
30°-40°	66.7	4.4
40°-50°	22.4	1.5
50°-60°	6.7	0.4
60°-70°	2.2	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	1404.5	93.5
0°-40°	1471.2	97.9
0°-60°	1500.4	99.8
0°-90°	1502.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1502.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8553	
5°	7687	609
15°	2126	600
25°	390	196
35°	100	67
45°	27	22
55°	7	7
65°	2	2
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	8553.0
0.5°	8553.0
1°	8542.4
1.5°	8521.1
2°	8482.2
2.5°	8430.4
3°	8357.3
3.5°	8255.3
4°	8103.7
4.5°	7919.4
5°	7687.1
5.5°	7381.7
6°	7068.6
6.5°	6709.9
7°	6358.8
7.5°	5947.5
8°	5580.4
8.5°	5211.0
9°	4869.8
9.5°	4556.8
10°	4265.1
12.5°	3062.5
15°	2126.5
17.5°	1389.2
20°	875.9
22.5°	567.4
25°	390.0
27.5°	274.2
30°	197.3
32.5°	141.7
35°	100.5
37.5°	70.1
40°	50.3
42.5°	36.6
45°	27.4
47.5°	21.3
50°	14.5
52.5°	9.1
55°	6.9
57.5°	5.3
60°	3.8
62.5°	3.0
65°	2.3



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CANDELA DISTRIBUTION (continued):

	0°
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180°

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67.5°		1.5
70°		0.8

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(END OF REPORT)