

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: P745864

Luminaire Tested: LD4D30D010-EU4DR2015309040-4LBDP1B

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P745864
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: LD4D30D010-EU4DR2015309040-4LBDP1B
Description: 4 INCH ROUND DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 20° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2639.3 lumens
Efficiency: N/A
Efficacy: 91.0 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): 29
Input Voltage (V): NR
Input Current (A_{in}): 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



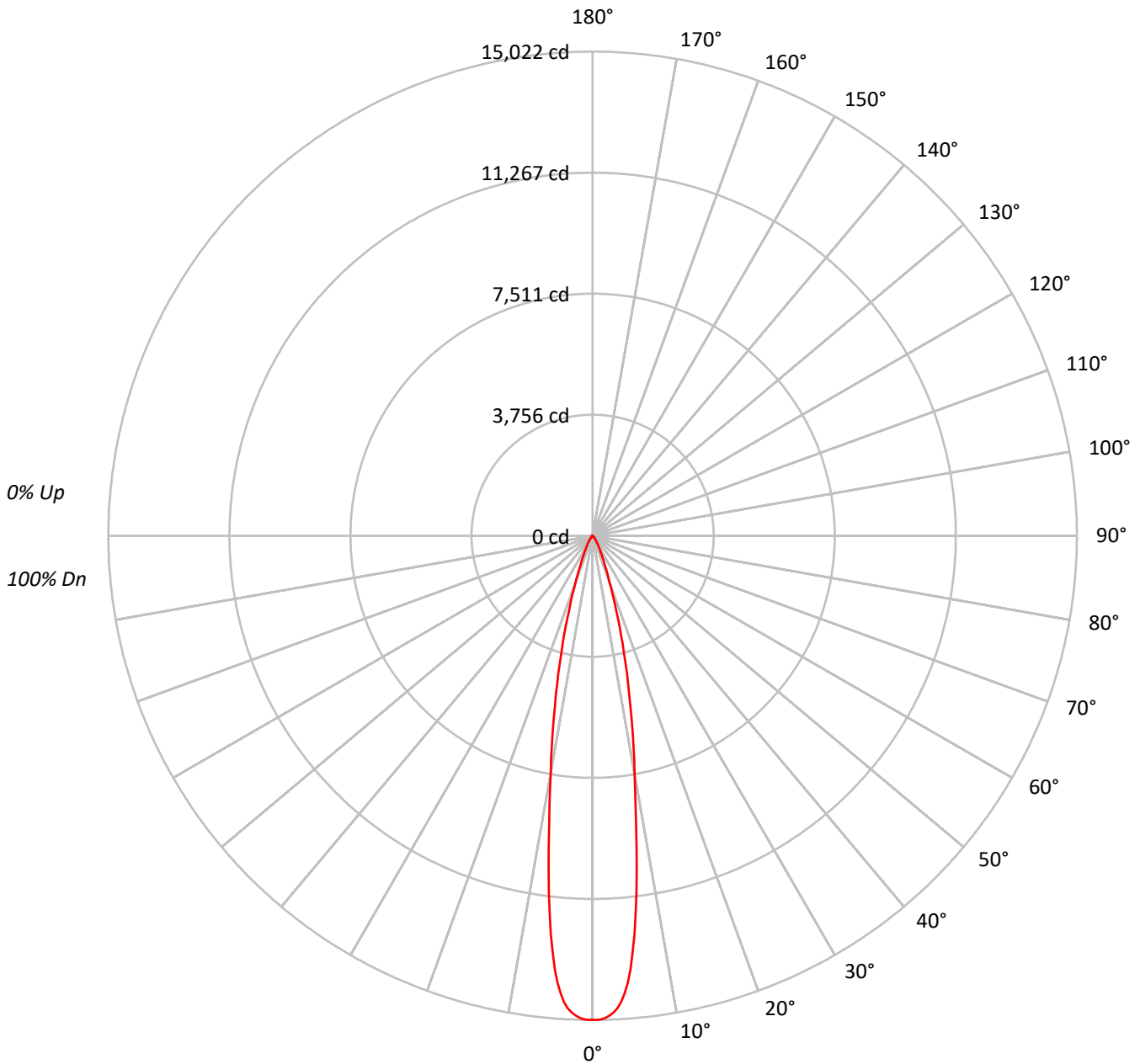
Downlight



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Luminous Intensity Polar Plot





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1069.5	40.5
10°-20°	1053.1	39.9
20°-30°	344.1	13.0
30°-40°	117.2	4.4
40°-50°	39.4	1.5
50°-60°	11.9	0.4
60°-70°	4.0	0.2
70°-80°	0.2	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°	2466.7	93.5
0°-40°	2583.9	97.9
0°-60°	2635.2	99.8
0°-90°	2639.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2639.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	15022	
5°	13501	###
15°	3735	1053
25°	685	344
35°	177	117
45°	48	39
55°	12	12
65°	4	4
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	15021.8
0.5°	15021.8
1°	15003.1
1.5°	14965.7
2°	14897.4
2.5°	14806.5
3°	14678.1
3.5°	14498.8
4°	14232.6
4.5°	13908.9
5°	13500.9
5.5°	12964.5
6°	12414.8
6.5°	11784.7
7°	11168.1
7.5°	10445.7
8°	9801.0
8.5°	9152.2
9°	8553.0
9.5°	8003.2
10°	7490.9
12.5°	5378.7
15°	3734.7
17.5°	2439.9
20°	1538.3
22.5°	996.6
25°	684.9
27.5°	481.6
30°	346.5
32.5°	248.8
35°	176.6
37.5°	123.1
40°	88.3
42.5°	64.2
45°	48.2
47.5°	37.5
50°	25.4
52.5°	16.1
55°	12.0
57.5°	9.4
60°	6.7
62.5°	5.4
65°	4.0



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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°		2.7
70°		1.3

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(END OF REPORT)