

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: P788242

Luminaire Tested: LER6D08D010-EC6DR200210IC9030-6LBDP1MW

Issue Date: 2/2/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P788242  
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: LER6D08D010-EC6DR200210IC9030-6LBDP1MW  
Description: 6 INCH ROUND DEEP 45° CUTOFF MATTE WHITE TRIM, WITH 20° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT  
Ballast/Driver: -

**Summary**

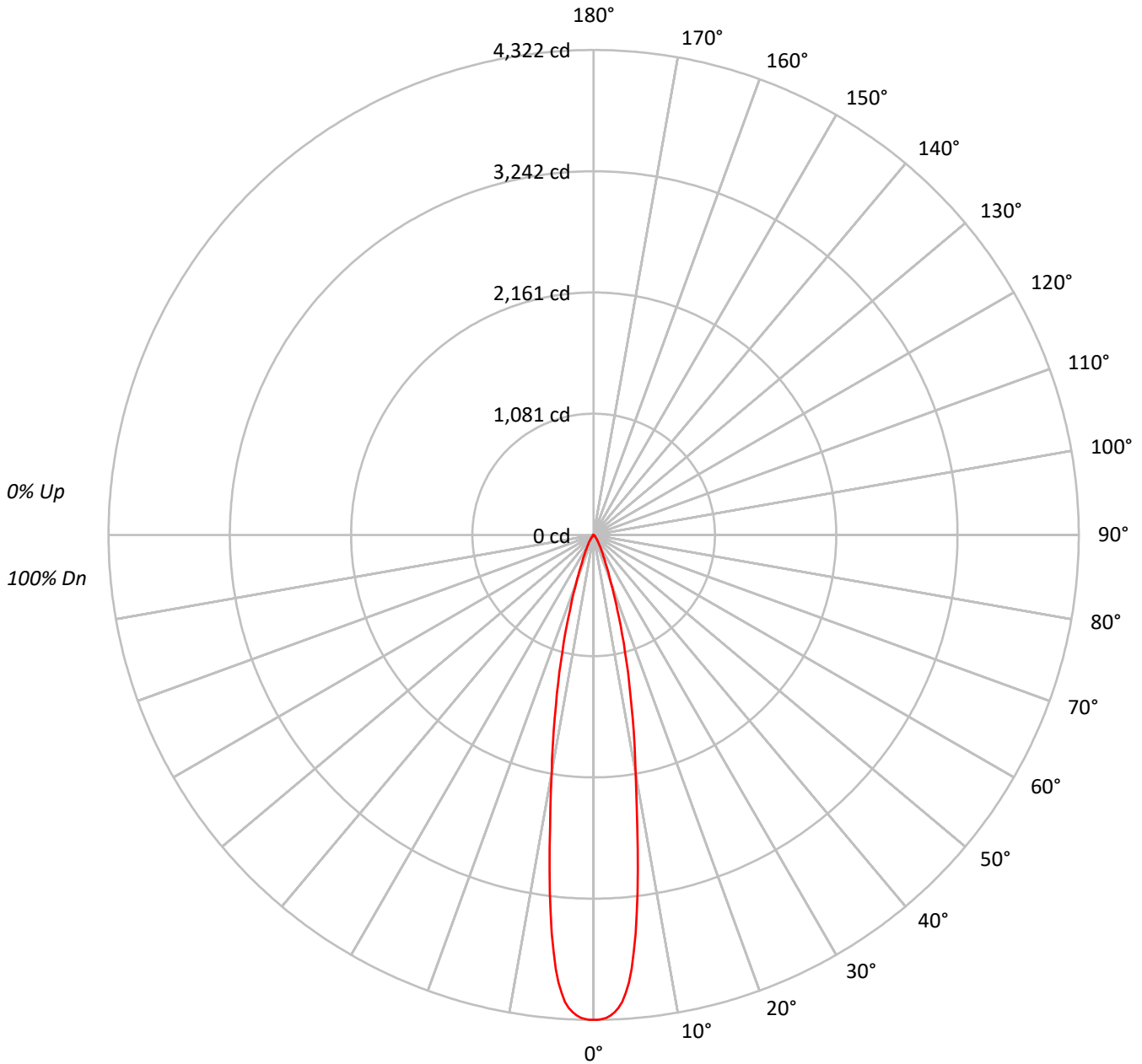
Lumens per Lamp: N/A  
Luminaire Lumens: 759.3 lumens  
Efficiency: N/A  
Efficacy: 85.3 lumens/watt  
Spacing Criteria (0/90/45): 0.34 / 0.34 / 0.36  
Luminous Opening: Circular (Dia: 0.35' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 8.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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°	307.7	40.5
10°-20°	303.0	39.9
20°-30°	99.0	13.0
30°-40°	33.7	4.4
40°-50°	11.3	1.5
50°-60°	3.4	0.4
60°-70°	1.1	0.2
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°	709.6	93.5
0°-40°	743.3	97.9
0°-60°	758.1	99.8
0°-90°	759.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	759.3	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4322	
5°	3884	308
15°	1074	303
25°	197	99
35°	51	34
45°	14	11
55°	4	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4321.5
0.5°	4321.5
1°	4316.1
1.5°	4305.3
2°	4285.7
2.5°	4259.5
3°	4222.6
3.5°	4171.0
4°	4094.4
4.5°	4001.3
5°	3884.0
5.5°	3729.6
6°	3571.5
6.5°	3390.2
7°	3212.8
7.5°	3005.0
8°	2819.6
8.5°	2632.9
9°	2460.5
9.5°	2302.4
10°	2155.0
12.5°	1547.3
15°	1074.4
17.5°	701.9
20°	442.5
22.5°	286.7
25°	197.0
27.5°	138.5
30°	99.7
32.5°	71.6
35°	50.8
37.5°	35.4
40°	25.4
42.5°	18.5
45°	13.9
47.5°	10.8
50°	7.3
52.5°	4.6
55°	3.5
57.5°	2.7
60°	1.9
62.5°	1.5
65°	1.2



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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°		0.8
70°		0.4

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Scaled Data Report



(END OF REPORT)