

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: P788264

Luminaire Tested: LER6D08D010-EC6DR200210IC9050-6LBDP1H

Issue Date: 2/2/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P788264  
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-EC6DR200210IC9050-6LBDP1H  
Description: 6 INCH ROUND DEEP 45° CUTOFF SEMI-SPECULAR CLEAR TRIM, WITH 20° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 883.2 lumens  
Efficiency: N/A  
Efficacy: 99.2 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

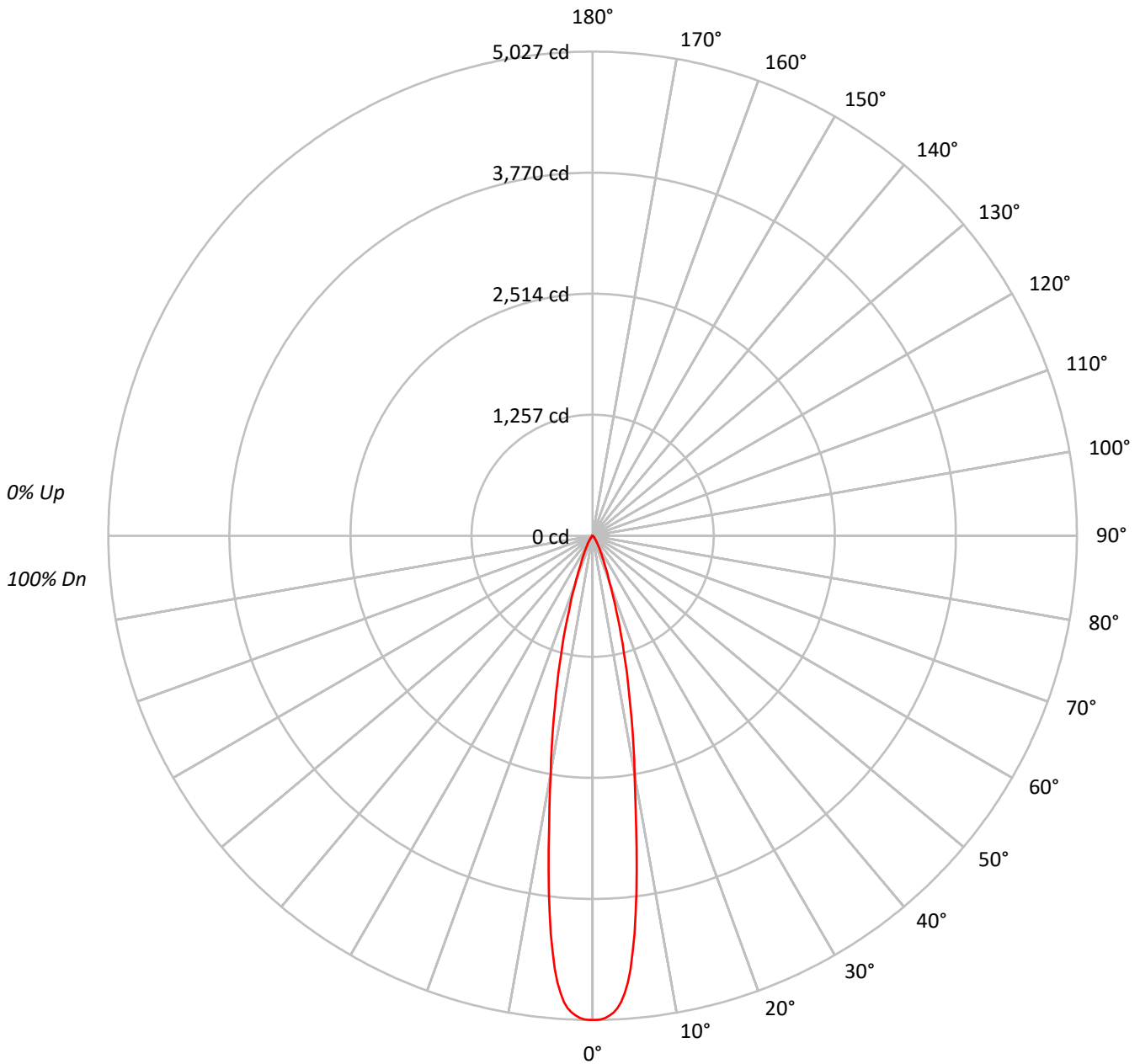


Downlight

TEST NUMBER: P788264

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									20									20									20																	
RC	80									50									30									10									0								
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0															
RCR																																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																											
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	98	96	95	94	94	92	91	91	88	86	85	85	83														
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94	94	92	91	91	88	86	85	85	83	81	81	79															
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	93	92	91	91	89	89	87	86	85	85	83	81	81	79																
4	105	99	96	93	103	98	95	92	96	93	91	95	92	90	93	91	89	88	88	86	84	83	83	81	80	80	78	77																	
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	86	85	85	83	82	81	81	79	78	77	75																		
6	99	93	89	86	98	92	88	86	91	87	85	90	87	84	88	86	84	83	83	81	80	80	78	77	75	73	71	70																	
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	81	81	79	78	77	75	73	71	70	68	66	65																
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80	79	78	77	75	73	71	70	68	66	64	63																	
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77	75	73	71	70	68	66	64	62	61	60																	
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	81	78	76	75	73	71	70	68	66	64	62	60	59	58																	

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	549254
5°	495526
10°	278120
15°	141371
20°	59857
25°	27631
30°	14622
35°	7883
40°	4208
45°	2488
50°	1445
55°	762
60°	481
65°	336
70°	128
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2488 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	357.9	40.5
10°-20°	352.4	39.9
20°-30°	115.1	13.0
30°-40°	39.2	4.4
40°-50°	13.2	1.5
50°-60°	4.0	0.4
60°-70°	1.3	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°	825.5	93.5
0°-40°	864.7	97.9
0°-60°	881.8	99.8
0°-90°	883.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	883.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	5027	
5°	4518	358
15°	1250	352
25°	229	115
35°	59	39
45°	16	13
55°	4	4
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	5027.0
0.5°	5027.0
1°	5020.7
1.5°	5008.2
2°	4985.3
2.5°	4954.9
3°	4911.9
3.5°	4852.0
4°	4762.9
4.5°	4654.5
5°	4518.0
5.5°	4338.5
6°	4154.5
6.5°	3943.7
7°	3737.3
7.5°	3495.6
8°	3279.8
8.5°	3062.7
9°	2862.2
9.5°	2678.2
10°	2506.8
12.5°	1800.0
15°	1249.8
17.5°	816.5
20°	514.8
22.5°	333.5
25°	229.2
27.5°	161.1
30°	115.9
32.5°	83.3
35°	59.1
37.5°	41.2
40°	29.5
42.5°	21.5
45°	16.1
47.5°	12.5
50°	8.5
52.5°	5.4
55°	4.0
57.5°	3.1
60°	2.2
62.5°	1.8
65°	1.3



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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



Signify Classified - Internal  
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Scaled Data Report





— 0°-180°

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Scaled Data Report



67.5°		0.9
70°		0.4

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Scaled Data Report



(END OF REPORT)