

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: P762974

Luminaire Tested: LD6D25D010-EU6DR2015309030-6LBSQW1B

Issue Date: 2/2/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P762974  
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: LD6D25D010-EU6DR2015309030-6LBSQW1B  
Description: 6 INCH SQAURE DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 20° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2401.7 lumens  
Efficiency: N/A  
Efficacy: 95.7 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): 25.1  
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



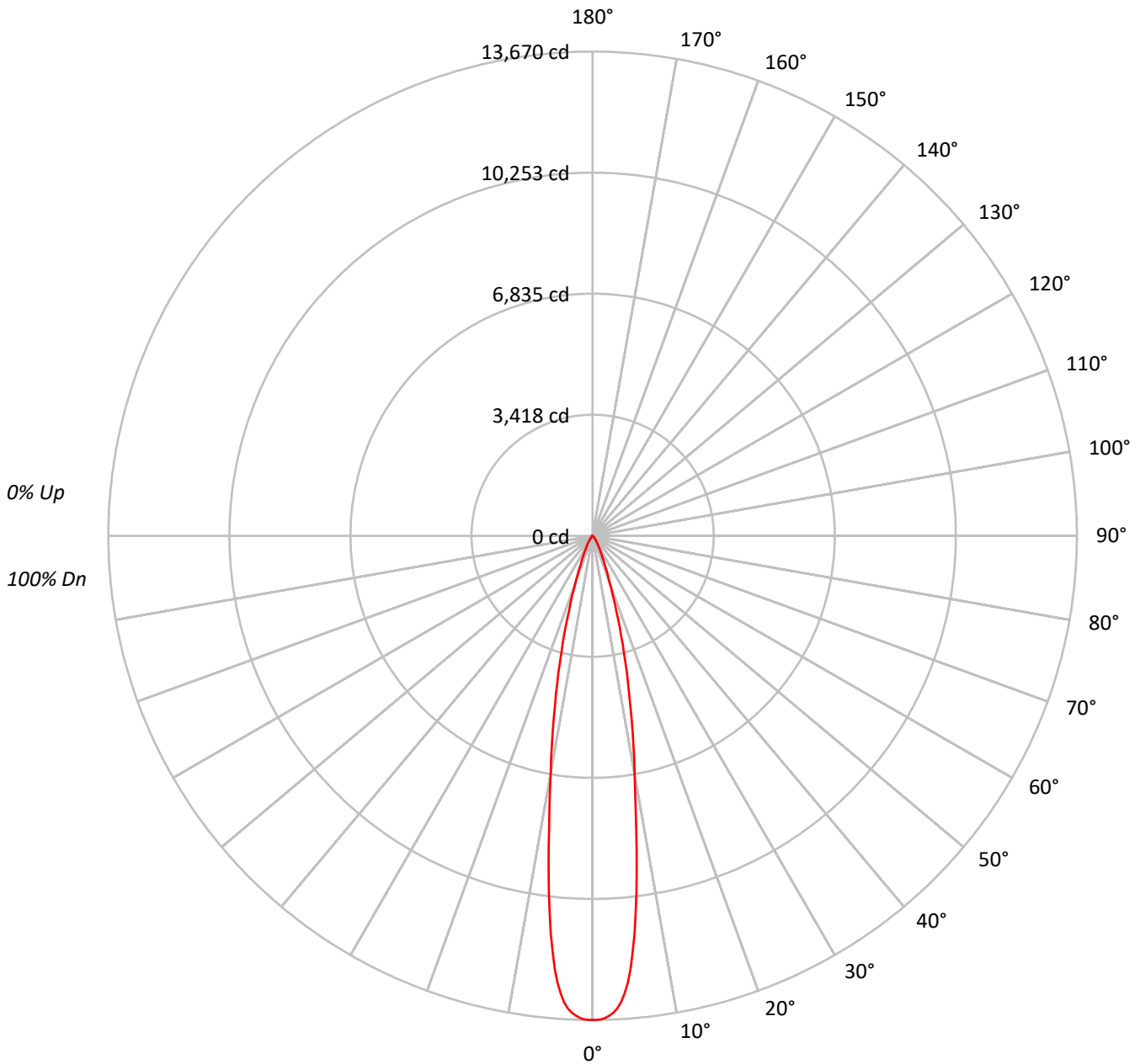
Downlight



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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		0		
RW	70	50	30	10	70	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			
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94			
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	93	92	91			
4	105	99	96	93	103	98	95	92	96	93	91	95	92	90	93	91	89	88			
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	86	85			
6	99	93	89	86	98	92	88	86	91	87	85	90	87	84	88	86	84	83			
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	81			
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80	79			
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77			
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	81	78	76	75			

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

	0°
0°	1493584
5°	1347483
10°	756287
15°	384433
20°	162770
25°	75130
30°	39779
35°	21435
40°	11453
45°	6768
50°	3927
55°	2095
60°	1333
65°	957
70°	383
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6768 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	973.3	40.5
10°-20°	958.4	39.9
20°-30°	313.1	13.0
30°-40°	106.6	4.4
40°-50°	35.8	1.5
50°-60°	10.8	0.4
60°-70°	3.6	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°	2244.7	93.5
0°-40°	2351.3	97.9
0°-60°	2397.9	99.8
0°-90°	2401.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2401.7	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	13670	
5°	12286	973
15°	3399	958
25°	623	313
35°	161	107
45°	44	36
55°	11	11
65°	4	4
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	13669.9
0.5°	13669.9
1°	13652.8
1.5°	13618.8
2°	13556.7
2.5°	13473.9
3°	13357.0
3.5°	13193.9
4°	12951.7
4.5°	12657.1
5°	12285.8
5.5°	11797.7
6°	11297.4
6.5°	10724.1
7°	10162.9
7.5°	9505.6
8°	8918.9
8.5°	8328.5
9°	7783.2
9.5°	7282.9
10°	6816.7
12.5°	4894.6
15°	3398.6
17.5°	2220.3
20°	1399.9
22.5°	906.9
25°	623.2
27.5°	438.2
30°	315.3
32.5°	226.4
35°	160.7
37.5°	112.0
40°	80.3
42.5°	58.4
45°	43.8
47.5°	34.1
50°	23.1
52.5°	14.6
55°	11.0
57.5°	8.5
60°	6.1
62.5°	4.9
65°	3.7



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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°		2.4
70°		1.2

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(END OF REPORT)