

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: P763236

Luminaire Tested: LD6D25D010-EU6DR3520359050-6LBCSSQMB

Issue Date: 2/2/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P763236  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-20)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/2/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LD6D25D010-EU6DR3520359050-6LBCSSQMB  
Description: 6 INCH SQAURE SHALLOW CAST MATTE BLACK TRIM, WITH 35° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2794.0 lumens  
Efficiency: N/A  
Efficacy: 111.3 lumens/watt  
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.54  
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

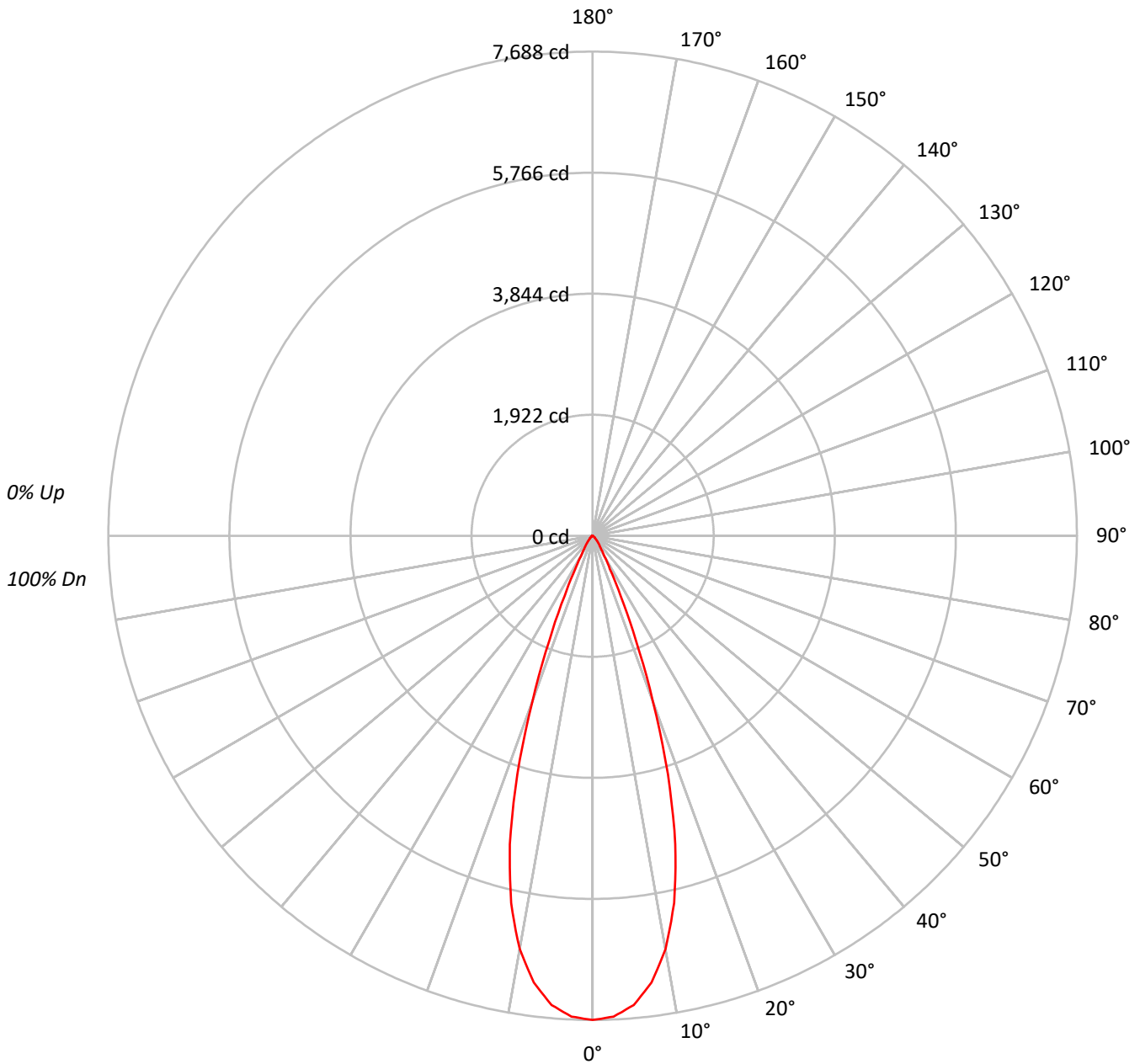


Downlight



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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	98	96
2	110	106	103	101	108	105	102	99	102	99	97	99	97	95	96	95	93	92
3	106	101	97	94	105	100	96	93	97	95	92	95	93	91	93	91	89	88
4	103	97	92	89	101	96	92	89	94	90	88	92	89	87	90	88	86	84
5	99	93	88	85	98	92	87	84	90	86	84	89	85	83	87	84	82	81
6	96	89	84	81	94	88	84	81	87	83	80	85	82	80	84	81	79	78
7	93	85	81	78	91	85	80	77	84	80	77	83	79	77	82	79	76	75
8	90	82	78	74	88	82	77	74	81	77	74	80	76	74	79	76	73	72
9	87	79	75	72	86	79	75	72	78	74	71	77	74	71	77	73	71	70
10	84	77	72	69	83	76	72	69	76	72	69	75	71	69	74	71	69	68

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

	0°
0°	839975
5°	820239
10°	739246
15°	573776
20°	325436
25°	126608
30°	47236
35°	25890
40°	16930
45°	10291
50°	6561
55°	4629
60°	3387
65°	1836
70°	128
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10291 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	687.8	24.6
10°-20°	1342.9	48.1
20°-30°	547.7	19.6
30°-40°	131.1	4.7
40°-50°	54.6	2.0
50°-60°	22.6	0.8
60°-70°	7.1	0.3
70°-80°	0.2	0.0
80°-90°	0.1	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°	2578.4	92.3
0°-40°	2709.5	97.0
0°-60°	2786.7	99.7
0°-90°	2794.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2794.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	7688	
5°	7479	688
15°	5072	1343
25°	1050	548
35°	194	131
45°	67	55
55°	24	23
65°	7	7
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	7687.8
2.5°	7641.7
5°	7478.6
7.5°	7153.2
10°	6663.1
12.5°	5973.1
15°	5072.5
17.5°	3971.1
20°	2798.9
22.5°	1784.7
25°	1050.2
27.5°	593.6
30°	374.4
32.5°	262.9
35°	194.1
37.5°	150.1
40°	118.7
42.5°	91.4
45°	66.6
47.5°	49.9
50°	38.6
52.5°	30.6
55°	24.3
57.5°	19.7
60°	15.5
62.5°	11.3
65°	7.1
67.5°	2.5
70°	0.4
72.5°	0.4
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.4
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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(END OF REPORT)