

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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: P763767

Luminaire Tested: LD6D25D010-EU6DR7020359035-6LBSQW1B

Issue Date: 2/5/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P763767  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-73)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/5/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LD6D25D010-EU6DR7020359035-6LBSQW1B  
Description: 6 INCH SQAURE DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 70° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1866.4 lumens  
Efficiency: N/A  
Efficacy: 74.4 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.82  
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



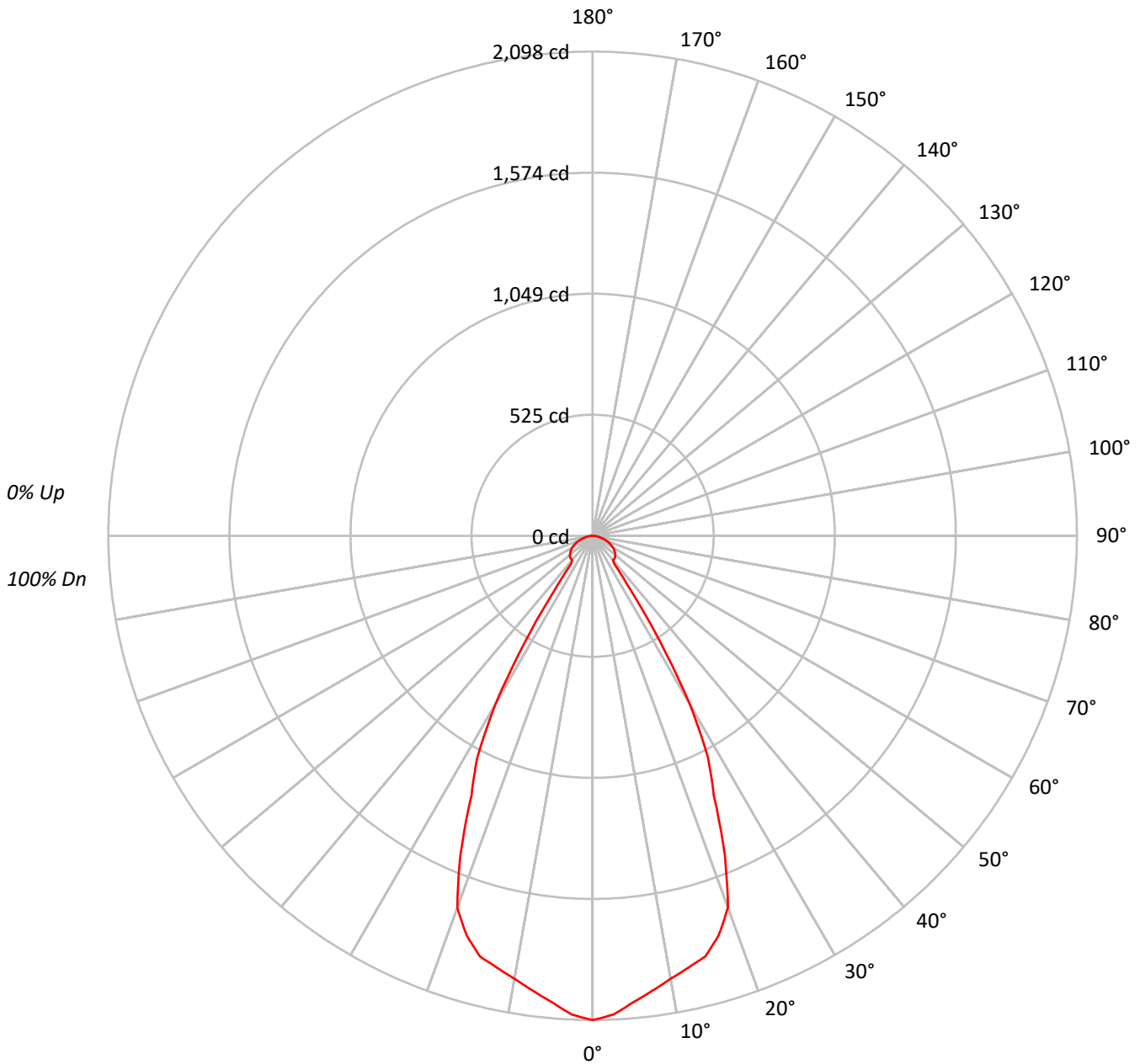
Downlight



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### Luminous Intensity Polar Plot





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

RF	20									20									20									20									
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	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91																			
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83																			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76																			
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70																			
5	89	80	74	69	87	79	73	69	77	72	68	75	71	67	74	70	67	65																			
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	66	62	61																			
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57																			
8	77	66	60	56	75	66	60	56	65	59	55	64	59	55	63	58	55	53																			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50																			
10	70	59	53	49	69	59	53	49	58	53	49	57	52	49	57	52	49	48																			

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

	0°
0°	229273
5°	222460
10°	216256
15°	213425
20°	199292
25°	149718
30°	105839
35°	37494
40°	19711
45°	20999
50°	21740
55°	22154
60°	22289
65°	21820
70°	20605
75°	19081
80°	16926
85°	13665

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 57.5°  
 Luminance: 22308 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	191.3	10.3
10°-20°	524.8	28.1
20°-30°	578.0	31.0
30°-40°	220.8	11.8
40°-50°	104.3	5.6
50°-60°	103.7	5.6
60°-70°	83.0	4.4
70°-80°	47.7	2.6
80°-90°	13.0	0.7
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°	1294.0	69.3
0°-40°	1514.8	81.2
0°-60°	1722.8	92.3
0°-90°	1866.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1866.4	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2098	
5°	2028	191
15°	1887	525
25°	1242	578
35°	281	221
45°	136	104
55°	116	104
65°	84	83
75°	45	48
85°	11	13
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2098.4
2.5°	2076.5
5°	2028.3
7.5°	1988.1
10°	1949.2
12.5°	1916.3
15°	1886.8
17.5°	1815.3
20°	1714.0
22.5°	1495.4
25°	1241.9
27.5°	1081.1
30°	838.9
32.5°	541.9
35°	281.1
37.5°	151.8
40°	138.2
42.5°	137.2
45°	135.9
47.5°	132.9
50°	127.9
52.5°	122.3
55°	116.3
57.5°	109.7
60°	102.0
62.5°	93.3
65°	84.4
67.5°	74.4
70°	64.5
72.5°	54.5
75°	45.2
77.5°	35.5
80°	26.9
82.5°	19.0
85°	10.9
87.5°	4.3
90°	0.0

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Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180°

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(END OF REPORT)