

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: P761798

Luminaire Tested: LD6D15D010-EU6DR700215IC9030-6LBCSSQMMS

Issue Date: 2/2/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P761798  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-76)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/2/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LD6D15D010-EU6DR700215IC9030-6LBCSSQMMS  
Description: 6 INCH SQAURE SHALLOW CAST MATTE METALLIC SILVER TRIM, WITH 70° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1386.6 lumens  
Efficiency: N/A  
Efficacy: 87.8 lumens/watt  
Spacing Criteria (0/90/45): 1.1 / 1.1 / 1.04  
Luminous Opening: Circular (Dia: 0.35' x H: 0')  
CIE Type: Direct

Input Watts (W): 15.8  
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

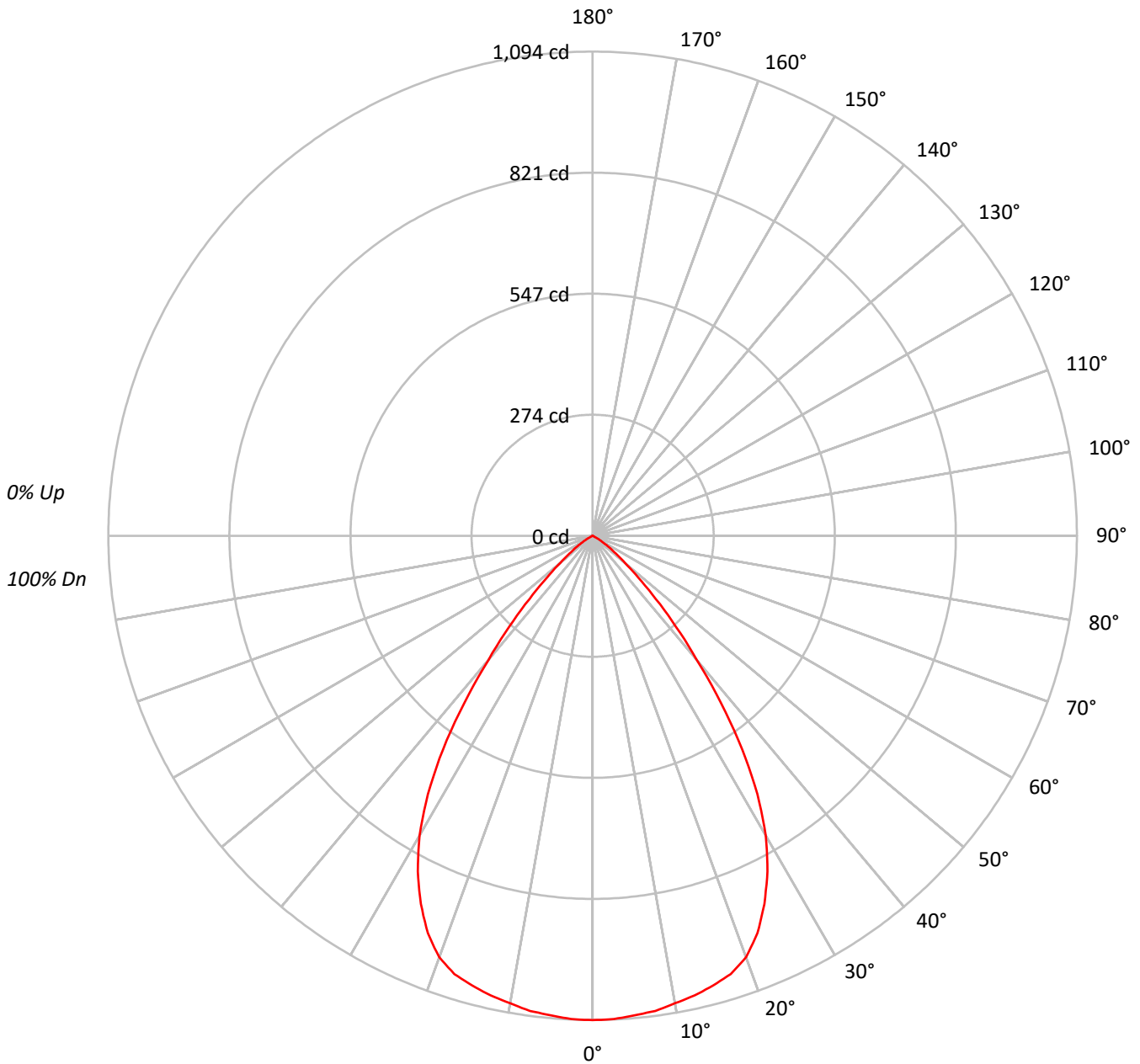


Downlight



TEST NUMBER: P761798  
CATALOG NUMBER: LD6D15D010-EU6DR700215IC9030-6LBCSSQMMS

### Luminous Intensity Polar Plot





TEST NUMBER: P761798  
 CATALOG NUMBER: LD6D15D010-EU6DR700215IC9030-6LBCSSQMMS

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

RF	20				20				20				20				20		
RC	80				70				50				30				10		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93	93
2	107	102	97	94	105	100	96	92	97	93	90	94	91	88	91	89	87	85	85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78	78
4	95	87	81	76	93	86	80	76	83	78	75	81	77	74	79	76	73	71	71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65	65
6	84	75	68	63	83	74	68	63	72	67	63	71	66	62	69	65	62	60	60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	61	57	56	56
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51	51
9	71	61	54	50	70	60	54	50	59	53	50	58	53	49	57	53	49	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	50	46	54	49	46	44	44

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

	0°
0°	119575
5°	119275
10°	119012
15°	118986
20°	117819
25°	110670
30°	98672
35°	78669
40°	52231
45°	31228
50°	16182
55°	8515
60°	3016
65°	52
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 31228 cd/sqm



TEST NUMBER: P761798

CATALOG NUMBER: LD6D15D010-EU6DR700215IC9030-6LBCSSQMMS

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	103.4	7.5
10°-20°	296.6	21.4
20°-30°	418.4	30.2
30°-40°	361.2	26.1
40°-50°	161.7	11.7
50°-60°	42.4	3.1
60°-70°	2.8	0.2
70°-80°	0.0	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°	818.5	59.0
0°-40°	1179.7	85.1
0°-60°	1383.8	99.8
0°-90°	1386.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1386.6	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1094	
5°	1088	103
15°	1052	297
25°	918	418
35°	590	361
45°	202	162
55°	45	42
65°	0	3
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P761798

CATALOG NUMBER: LD6D15D010-EU6DR700215IC9030-6LBCSSQMMS

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1094.4
2.5°	1093.2
5°	1087.5
7.5°	1082.8
10°	1072.7
12.5°	1063.7
15°	1051.9
17.5°	1038.3
20°	1013.3
22.5°	972.2
25°	918.0
27.5°	855.3
30°	782.1
32.5°	692.5
35°	589.8
37.5°	476.5
40°	366.2
42.5°	278.3
45°	202.1
47.5°	139.3
50°	95.2
52.5°	65.7
55°	44.7
57.5°	27.0
60°	13.8
62.5°	4.4
65°	0.2
67.5°	0.0
70°	0.0
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  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report





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

Scaled Data Report



— 0°-180°

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

Scaled Data Report



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

Scaled Data Report



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

Scaled Data Report



(END OF REPORT)