

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: P761674

Luminaire Tested: LD6D15D010-EU6DR600215IC9040-6LBDP1B

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P761674
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-57)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/5/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D15D010-EU6DR600215IC9040-6LBDP1B
Description: 6 INCH ROUND DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 60° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1196.4 lumens
Efficiency: N/A
Efficacy: 75.7 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.83
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



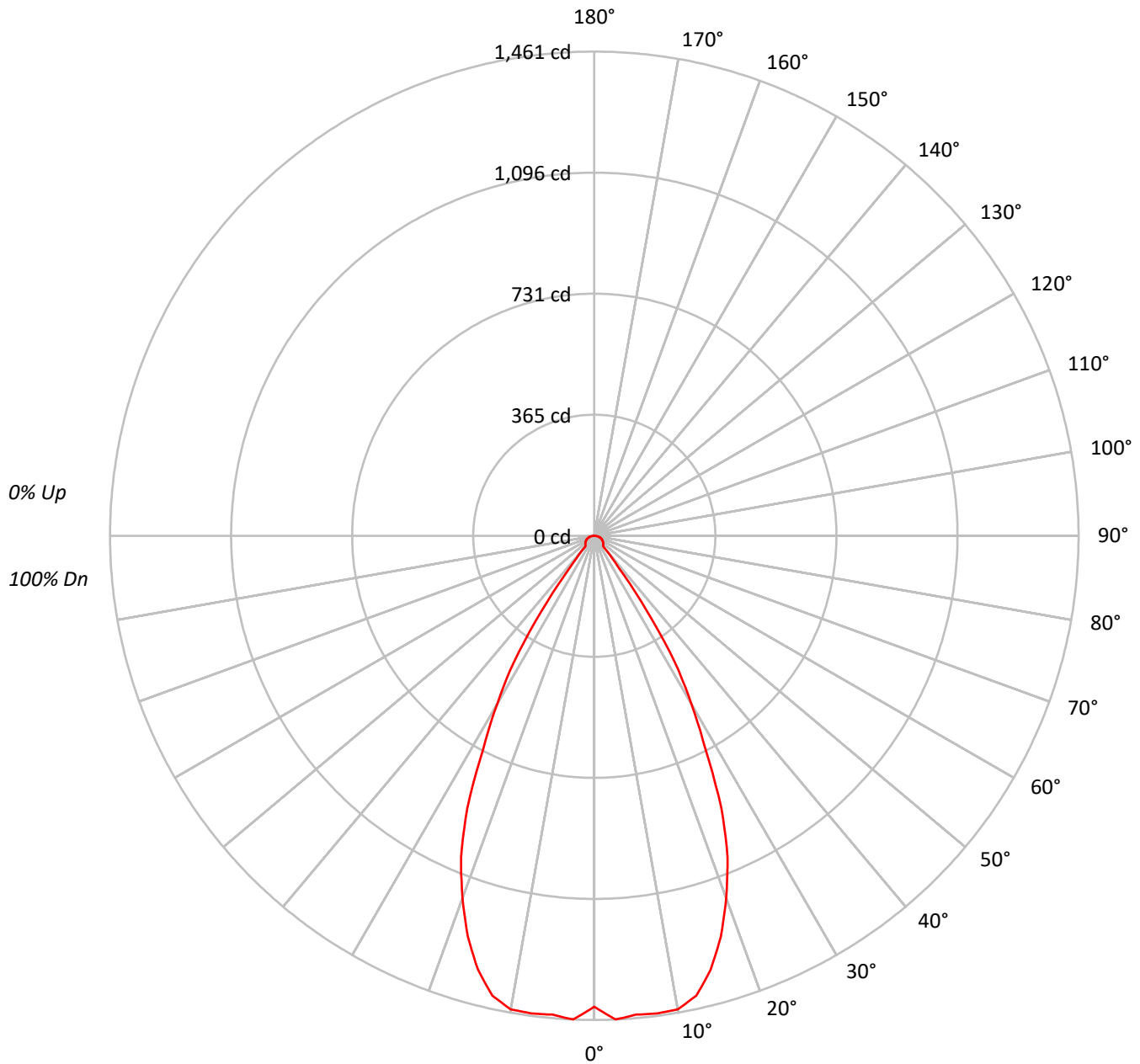
Downlight



TEST NUMBER: P761674

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Luminous Intensity Polar Plot



CATALOG NUMBER: LD6D15D010-EU6DR600215IC9040-6LBDP1B

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	100	100	100			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93			
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86			
3	102	96	90	86	100	94	89	86	91	88	84	89	86	83	87	84	82	80	80	80	80			
4	97	89	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75	75	75	75			
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70			
6	88	79	73	69	87	78	73	69	77	72	68	75	71	68	74	70	67	66	66	66	66			
7	84	75	69	65	83	74	68	64	73	68	64	72	67	64	71	67	63	62	62	62	62			
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	59	59	59	59			
9	77	67	61	57	75	67	61	57	66	61	57	65	60	57	64	60	57	55	55	55	55			
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53	53			

	0°
0°	155260
5°	159077
10°	160994
15°	153373
20°	135225
25°	109380
30°	73982
35°	37067
40°	6019
45°	5887
50°	6000
55°	6096
60°	6250
65°	6412
70°	6549
75°	6628
80°	6418
85°	5265

Horizontal Angle: 0°
Vertical Angle: 75°
Luminance: 6628 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.6	11.6
10°-20°	375.0	31.3
20°-30°	403.5	33.7
30°-40°	175.4	14.7
40°-50°	29.5	2.5
50°-60°	28.6	2.4
60°-70°	24.5	2.0
70°-80°	16.4	1.4
80°-90°	4.9	0.4
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°	917.2	76.7
0°-40°	1092.6	91.3
0°-60°	1150.6	96.2
0°-90°	1196.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1196.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1421	
5°	1450	139
15°	1356	375
25°	907	404
35°	278	175
45°	38	29
55°	32	29
65°	25	24
75°	16	16
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1421.0
2.5°	1460.9
5°	1450.4
7.5°	1453.7
10°	1451.1
12.5°	1421.1
15°	1355.9
17.5°	1268.2
20°	1163.0
22.5°	1050.4
25°	907.3
27.5°	725.6
30°	586.4
32.5°	451.9
35°	277.9
37.5°	118.9
40°	42.2
42.5°	38.8
45°	38.1
47.5°	36.8
50°	35.3
52.5°	33.6
55°	32.0
57.5°	30.3
60°	28.6
62.5°	26.8
65°	24.8
67.5°	22.7
70°	20.5
72.5°	18.1
75°	15.7
77.5°	12.9
80°	10.2
82.5°	7.2
85°	4.2
87.5°	1.5
90°	0.0



Report Generated By 670245859 / DESKTOP-T8S5UU9





— 0°-180°







(END OF REPORT)