

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: P761360

Luminaire Tested: LD6D15D010-EU6DR400215IC9035-6LBDP1B

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P761360
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-28)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D15D010-EU6DR400215IC9035-6LBDP1B
Description: 6 INCH ROUND DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 40° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1371.7 lumens
Efficiency: N/A
Efficacy: 86.8 lumens/watt
Spacing Criteria (0/90/45): 0.68 / 0.68 / 0.6
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



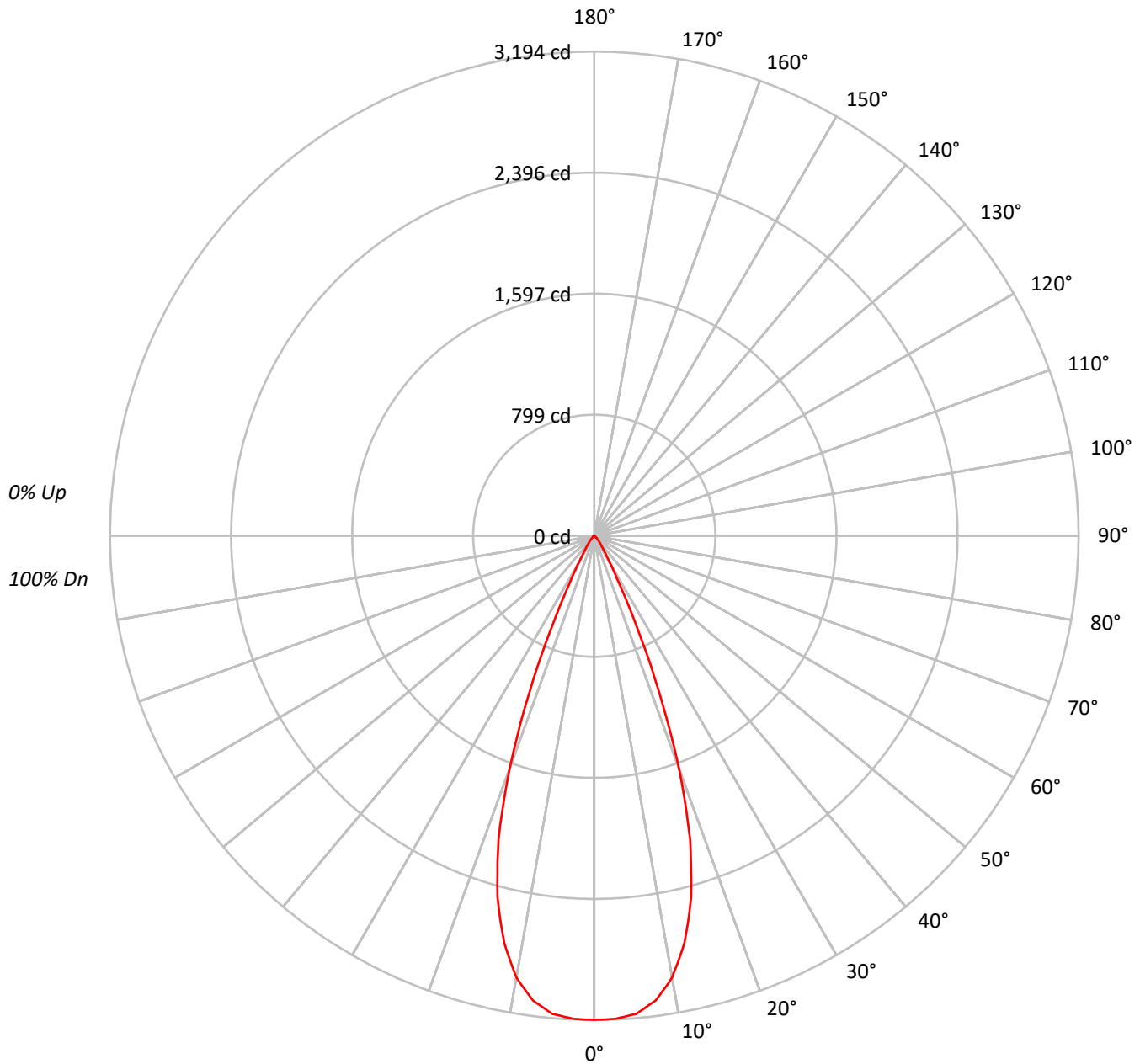
Downlight



TEST NUMBER: P761360

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Luminous Intensity Polar Plot



CATALOG NUMBER: LD6D15D010-EU6DR400215IC9035-6LBDP1B

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	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	97	96	96	96	96			
2	110	106	103	100	108	105	102	99	102	99	97	99	97	95	96	95	93	92	92	92	92			
3	106	101	97	94	104	100	96	93	97	94	92	95	93	90	93	91	89	88	88	88	88			
4	102	97	92	89	101	95	91	88	93	90	87	92	89	86	90	87	85	84	84	84	84			
5	99	92	88	84	97	91	87	84	90	86	83	88	85	83	87	84	82	81	81	81	81			
6	95	88	84	80	94	88	83	80	86	82	80	85	82	79	84	81	79	77	77	77	77			
7	92	85	80	77	91	84	80	77	83	79	76	82	79	76	81	78	76	74	74	74	74			
8	89	82	77	74	88	81	77	74	80	76	73	79	76	73	78	75	73	72	72	72	72			
9	86	79	74	71	85	78	74	71	77	73	71	76	73	70	76	72	70	69	69	69	69			
10	83	76	71	68	82	75	71	68	75	71	68	74	70	68	73	70	68	67	67	67	67			

	0°
0°	348935
5°	347241
10°	328212
15°	279021
20°	190176
25°	79350
30°	24955
35°	11591
40°	6418
45°	2936
50°	1428
55°	781
60°	415
65°	155
70°	64
75°	0
80°	0
85°	0

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2936 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	295.6	21.6
10°-20°	662.3	48.3
20°-30°	331.5	24.2
30°-40°	60.8	4.4
40°-50°	16.8	1.2
50°-60°	3.9	0.3
60°-70°	0.8	0.1
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°	1289.4	94.0
0°-40°	1350.2	98.4
0°-60°	1370.9	99.9
0°-90°	1371.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1371.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3194	
5°	3166	296
15°	2467	662
25°	658	332
35°	87	61
45°	19	17
55°	4	4
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3193.6
2.5°	3188.9
5°	3166.0
7.5°	3092.8
10°	2958.3
12.5°	2748.6
15°	2466.7
17.5°	2100.2
20°	1635.6
22.5°	1115.1
25°	658.2
27.5°	348.0
30°	197.8
32.5°	127.8
35°	86.9
37.5°	62.1
40°	45.0
42.5°	30.8
45°	19.0
47.5°	12.1
50°	8.4
52.5°	6.0
55°	4.1
57.5°	2.6
60°	1.9
62.5°	1.1
65°	0.6
67.5°	0.4
70°	0.2
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



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— 0°-180°







(END OF REPORT)