

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: P761666

Luminaire Tested: LD6D15D010-EU6DR600215IC9035-6LBDP1LI

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P761666
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-EU6DR600215IC9035-6LBDP1LI
Description: 6 INCH ROUND DEEP 45° CUTOFF SPECULAR CLEAR TRIM, WITH 60° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1552.4 lumens
Efficiency: N/A
Efficacy: 98.3 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



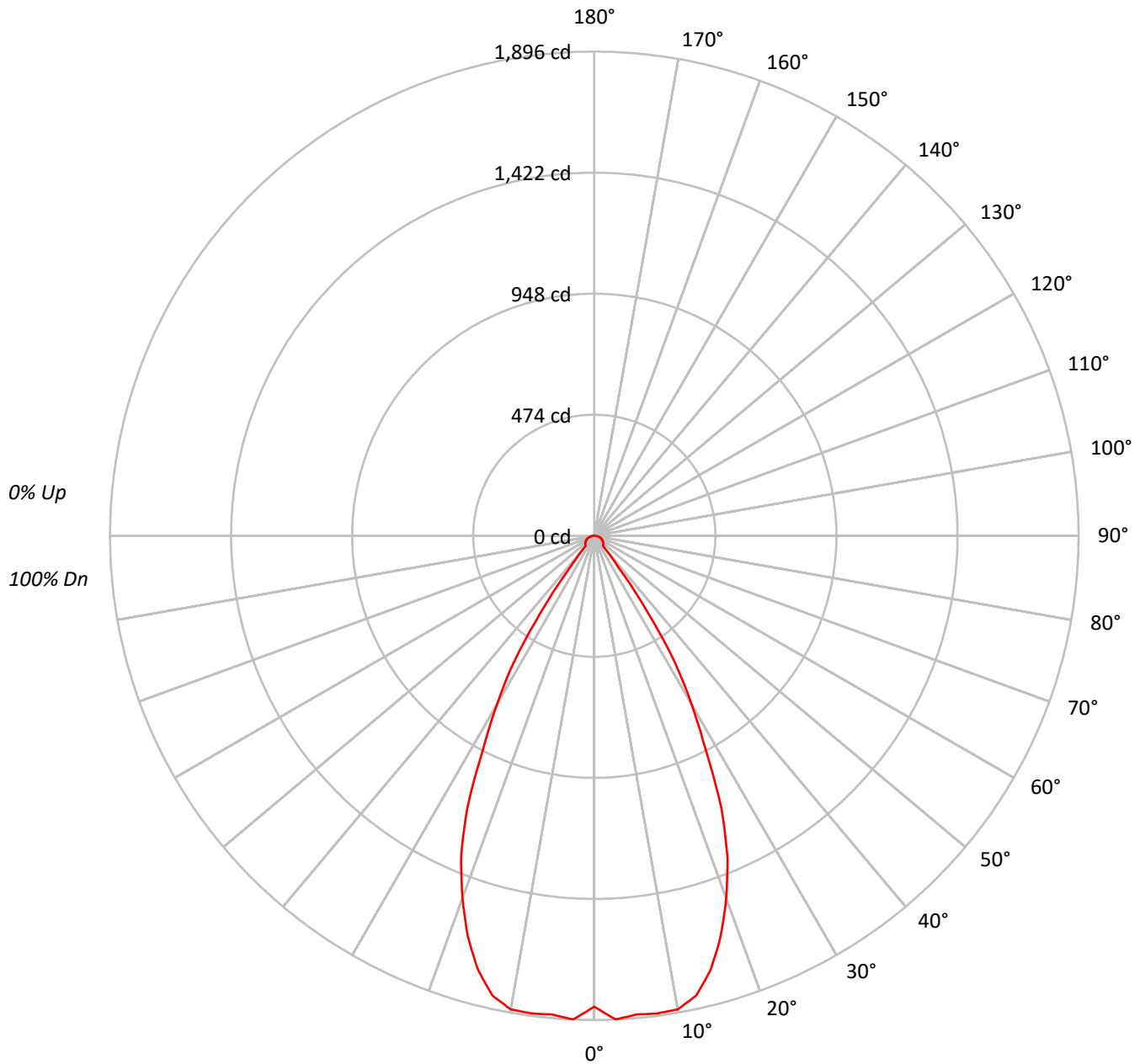
Downlight



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Luminous Intensity Polar Plot



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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	62	58	54	62	57	54	61	57	54	53	53	53	53			

	0°
0°	201444
5°	206403
10°	208890
15°	198992
20°	175456
25°	141918
30°	95998
35°	48098
40°	7802
45°	7633
50°	7785
55°	7905
60°	8129
65°	8299
70°	8498
75°	8612
80°	8306
85°	6895

Horizontal Angle: 0°
Vertical Angle: 75°
Luminance: 8612 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.9	11.6
10°-20°	486.6	31.3
20°-30°	523.6	33.7
30°-40°	227.6	14.7
40°-50°	38.2	2.5
50°-60°	37.2	2.4
60°-70°	31.8	2.0
70°-80°	21.3	1.4
80°-90°	6.3	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°	1190.0	76.7
0°-40°	1417.6	91.3
0°-60°	1493.0	96.2
0°-90°	1552.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1552.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1844	
5°	1882	180
15°	1759	487
25°	1177	524
35°	361	228
45°	49	38
55°	42	37
65°	32	32
75°	20	21
85°	6	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1843.7
2.5°	1895.6
5°	1881.9
7.5°	1886.2
10°	1882.8
12.5°	1844.0
15°	1759.2
17.5°	1645.5
20°	1509.0
22.5°	1362.9
25°	1177.2
27.5°	941.5
30°	760.9
32.5°	586.4
35°	360.6
37.5°	154.3
40°	54.7
42.5°	50.4
45°	49.4
47.5°	47.7
50°	45.8
52.5°	43.7
55°	41.5
57.5°	39.4
60°	37.2
62.5°	34.8
65°	32.1
67.5°	29.5
70°	26.6
72.5°	23.5
75°	20.4
77.5°	16.8
80°	13.2
82.5°	9.3
85°	5.5
87.5°	1.9
90°	0.0



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— 0°-180°







(END OF REPORT)