

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: P761754

Luminaire Tested: LD6D15D010-EU6DR650215IC9040-6LBS1LI

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P761754
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-147)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D15D010-EU6DR650215IC9040-6LBS1LI
Description: 6 INCH ROUND SHALLOW SPECULAR CLEAR TRIM, WITH 65° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1467.4 lumens
Efficiency: N/A
Efficacy: 92.9 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 0.96
Luminous Opening: Circular (Dia: 0.48' 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



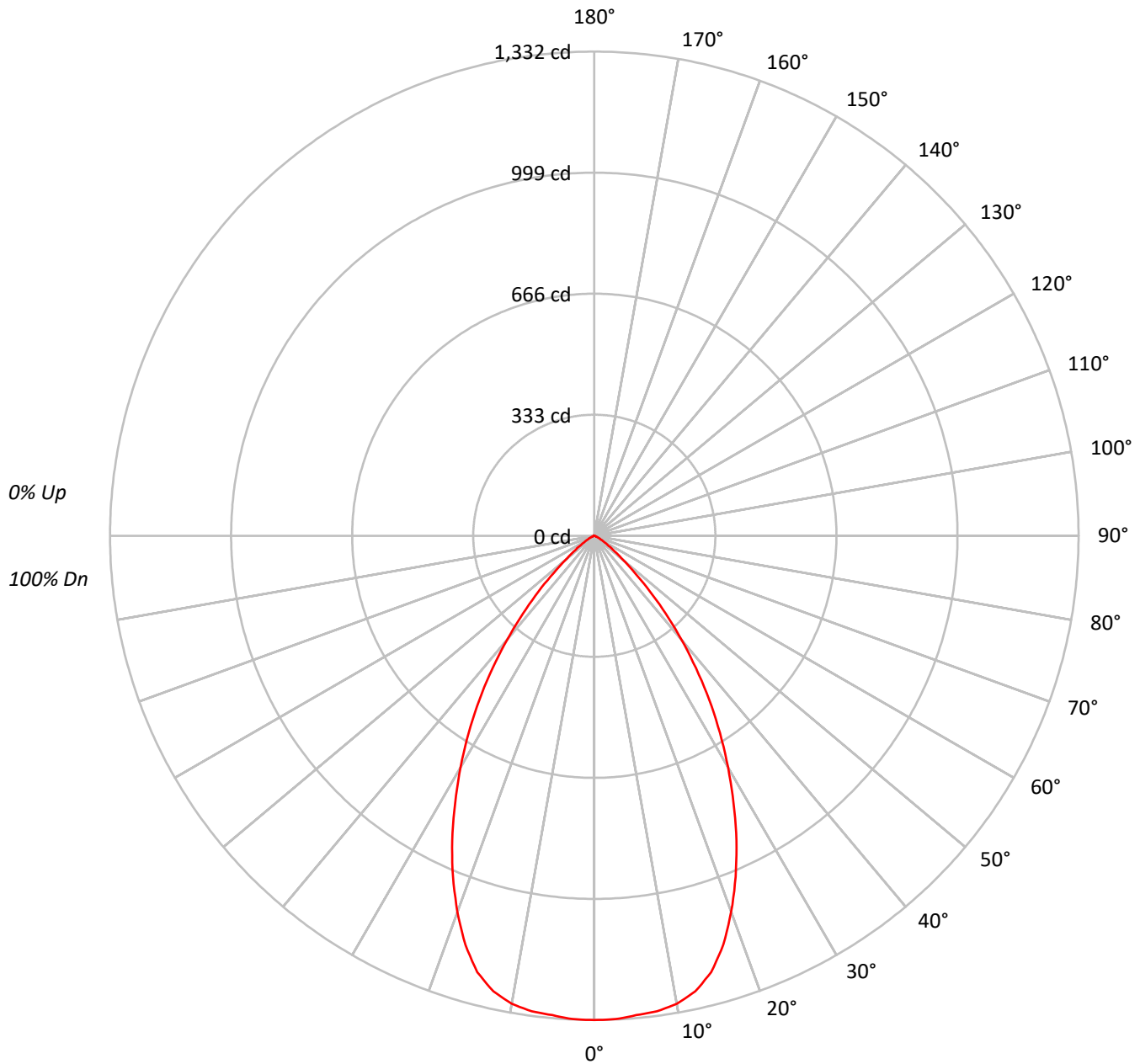
Downlight



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Luminous Intensity Polar Plot



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RF	20				20				20				20				20			
RC	80				70				50				30				10			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102			
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94			
2	107	102	97	94	105	100	96	92	97	93	90	94	91	88	91	89	87			
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80			
4	95	87	81	76	93	86	80	76	84	79	75	82	77	74	80	76	73			
5	90	81	74	70	88	80	74	69	78	73	69	76	72	68	75	71	68			
6	85	75	69	64	83	74	68	64	73	67	63	71	67	63	70	66	62			
7	80	70	64	59	79	69	63	59	68	63	59	67	62	58	66	61	58			
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54			
9	72	61	55	51	71	61	55	51	60	54	51	59	54	50	58	54	50			
10	68	58	52	47	67	57	51	47	57	51	47	56	51	47	55	50	47			

	0°
0°	77811
5°	77616
10°	77547
15°	75157
20°	68423
25°	59628
30°	49595
35°	39292
40°	28362
45°	17915
50°	9340
55°	4969
60°	2605
65°	1437
70°	615
75°	654
80°	471
85°	402

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 17915 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.0	8.6
10°-20°	345.0	23.5
20°-30°	421.8	28.7
30°-40°	342.2	23.3
40°-50°	170.5	11.6
50°-60°	47.6	3.2
60°-70°	10.8	0.7
70°-80°	2.8	0.2
80°-90°	0.7	0.1
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°	892.8	60.8
0°-40°	1234.9	84.2
0°-60°	1453.0	99.0
0°-90°	1467.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1467.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1332	
5°	1324	126
15°	1243	345
25°	925	422
35°	551	342
45°	217	170
55°	49	48
65°	10	11
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1332.3
2.5°	1331.3
5°	1323.9
7.5°	1319.6
10°	1307.6
12.5°	1283.4
15°	1243.0
17.5°	1180.0
20°	1100.9
22.5°	1015.6
25°	925.3
27.5°	828.8
30°	735.4
32.5°	643.1
35°	551.1
37.5°	459.3
40°	372.0
42.5°	290.1
45°	216.9
47.5°	151.1
50°	102.8
52.5°	70.9
55°	48.8
57.5°	32.9
60°	22.3
62.5°	15.5
65°	10.4
67.5°	5.3
70°	3.6
72.5°	3.3
75°	2.9
77.5°	1.9
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0



Report Generated By 670245859 / DESKTOP-T8S5UU9





— 0°-180°







(END OF REPORT)