

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: P761290

Luminaire Tested: LD6D15D010-EU6DR350215IC9035-6LBS1LI

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P761290
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-20)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D15D010-EU6DR350215IC9035-6LBS1LI
Description: 6 INCH ROUND SHALLOW SPECULAR CLEAR TRIM, WITH 35° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1556.4 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.54
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



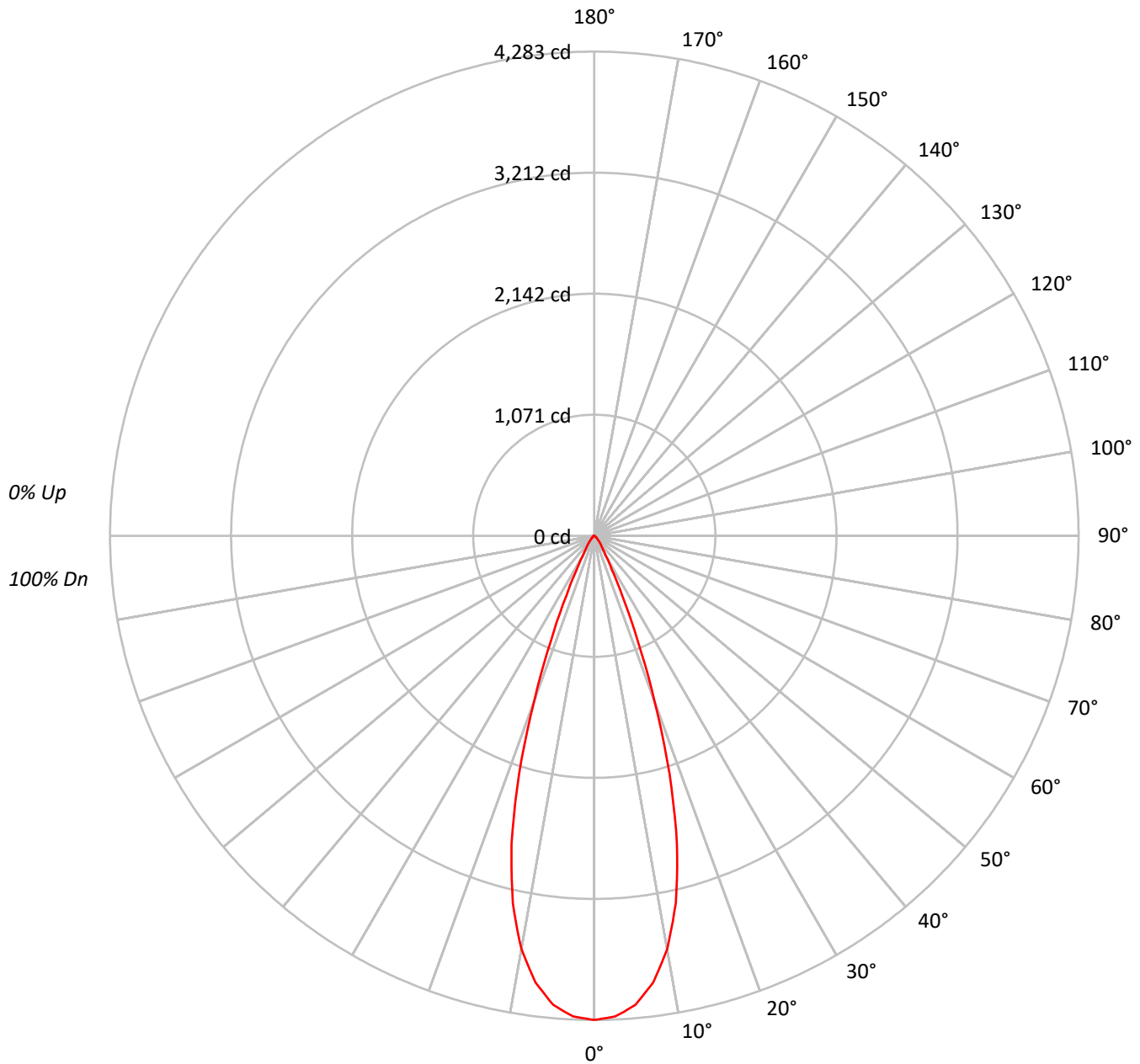
Downlight



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Luminous Intensity Polar Plot



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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	98
2	110	106	103	101	108	105	102	99	102	99	97	99	97	95	96	95	93
3	106	101	97	94	105	100	96	93	97	95	92	95	93	91	93	91	89
4	103	97	92	89	101	96	92	89	94	90	88	92	89	87	90	88	86
5	99	93	88	85	98	92	87	84	90	86	84	89	85	83	87	84	82
6	96	89	84	81	94	88	84	81	87	83	80	85	82	80	84	81	79
7	93	85	81	78	91	85	80	77	84	80	77	83	79	77	82	79	76
8	90	82	78	74	88	82	77	74	81	77	74	80	76	74	79	76	73
9	87	79	75	72	86	79	75	72	78	74	71	77	74	71	77	73	71
10	84	77	72	69	83	76	72	69	76	72	69	75	71	69	74	71	69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	467920
5°	456919
10°	411810
15°	319629
20°	181293
25°	70525
30°	26318
35°	14419
40°	9428
45°	5733
50°	3655
55°	2572
60°	1901
65°	1034
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5733 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	383.2	24.6
10°-20°	748.1	48.1
20°-30°	305.1	19.6
30°-40°	73.0	4.7
40°-50°	30.4	2.0
50°-60°	12.6	0.8
60°-70°	4.0	0.3
70°-80°	0.1	0.0
80°-90°	0.1	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°	1436.3	92.3
0°-40°	1509.3	97.0
0°-60°	1552.4	99.7
0°-90°	1556.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1556.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4283	
5°	4166	383
15°	2826	748
25°	585	305
35°	108	73
45°	37	30
55°	14	13
65°	4	4
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4282.6
2.5°	4256.9
5°	4166.0
7.5°	3984.8
10°	3711.8
12.5°	3327.4
15°	2825.7
17.5°	2212.2
20°	1559.2
22.5°	994.2
25°	585.0
27.5°	330.7
30°	208.6
32.5°	146.4
35°	108.1
37.5°	83.6
40°	66.1
42.5°	50.9
45°	37.1
47.5°	27.8
50°	21.5
52.5°	17.1
55°	13.5
57.5°	11.0
60°	8.7
62.5°	6.3
65°	4.0
67.5°	1.4
70°	0.2
72.5°	0.2
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.2
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)