

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: P761315

Luminaire Tested: LD6D15D010-EU6DR350215IC9050-6LBS1LI

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P761315
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-EU6DR350215IC9050-6LBS1LI
Description: 6 INCH ROUND SHALLOW SPECULAR CLEAR TRIM, WITH 35° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1580.6 lumens
Efficiency: N/A
Efficacy: 100.0 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



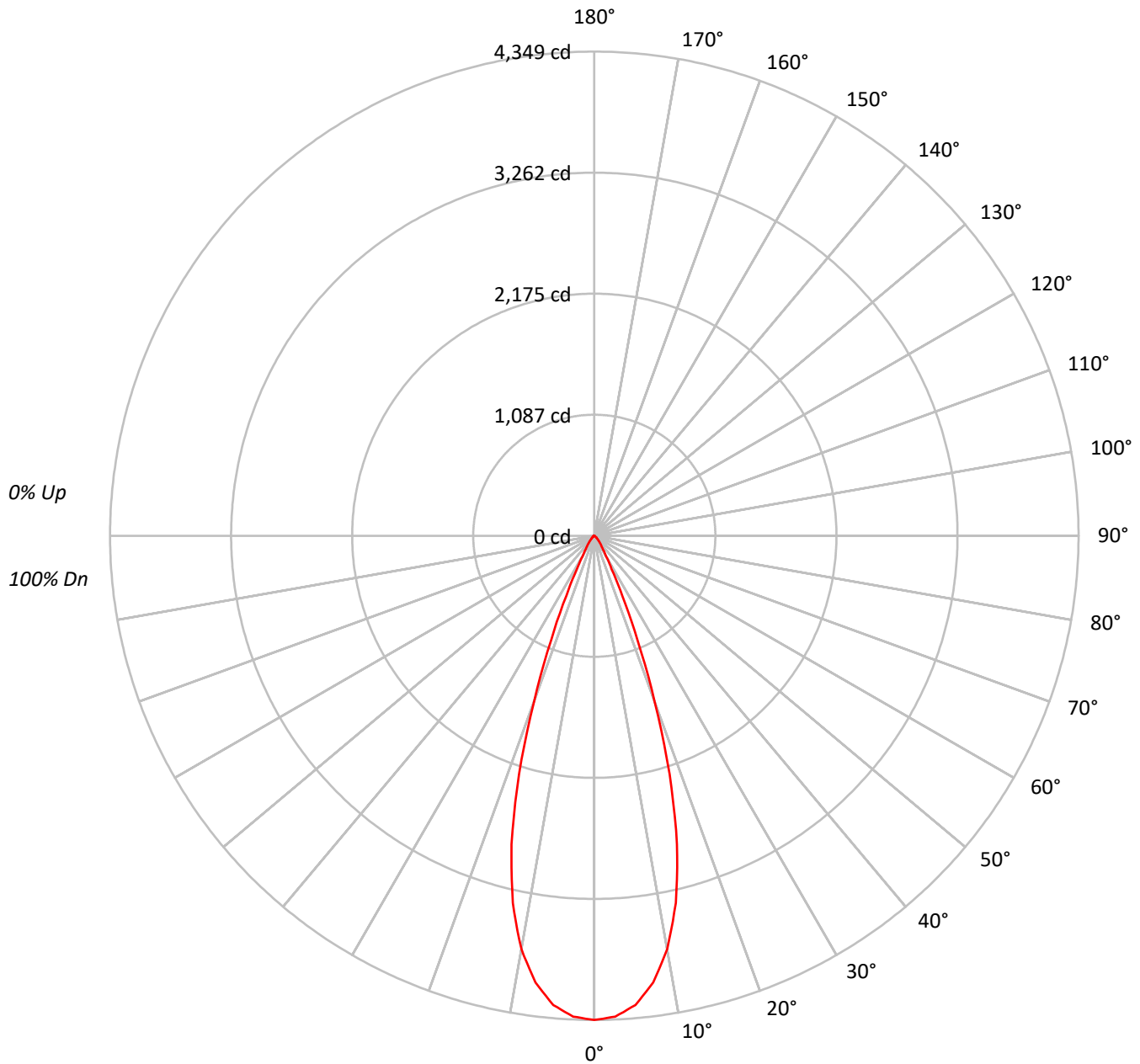
Downlight



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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	475186
5°	464015
10°	418201
15°	324595
20°	184106
25°	71622
30°	26721
35°	14645
40°	9570
45°	5825
50°	3706
55°	2629
60°	1923
65°	1034
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5825 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	389.1	24.6
10°-20°	759.7	48.1
20°-30°	309.8	19.6
30°-40°	74.1	4.7
40°-50°	30.9	2.0
50°-60°	12.8	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°	1458.6	92.3
0°-40°	1532.8	97.0
0°-60°	1576.5	99.7
0°-90°	1580.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1580.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4349	
5°	4231	389
15°	2870	760
25°	594	310
35°	110	74
45°	38	31
55°	14	13
65°	4	4
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	4349.1
2.5°	4323.0
5°	4230.7
7.5°	4046.7
10°	3769.4
12.5°	3379.0
15°	2869.6
17.5°	2246.5
20°	1583.4
22.5°	1009.7
25°	594.1
27.5°	335.9
30°	211.8
32.5°	148.7
35°	109.8
37.5°	84.9
40°	67.1
42.5°	51.7
45°	37.7
47.5°	28.2
50°	21.8
52.5°	17.3
55°	13.8
57.5°	11.2
60°	8.8
62.5°	6.4
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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Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





— 0°-180°







(END OF REPORT)