

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: P774758

Luminaire Tested: LD6D95BD010-EU6DR6570959035-6LBDP1H

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P774758
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-59)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/5/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D95BD010-EU6DR6570959035-6LBDP1H
Description: 6 INCH ROUND DEEP 45° CUTOFF SEMI-SPECULAR CLEAR TRIM, WITH 65° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9900.1 lumens
Efficiency: N/A
Efficacy: 99.8 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.92
Luminous Opening: Circular (Dia: 0.35' x H: 0')
CIE Type: Direct

Input Watts (W): 99.2
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

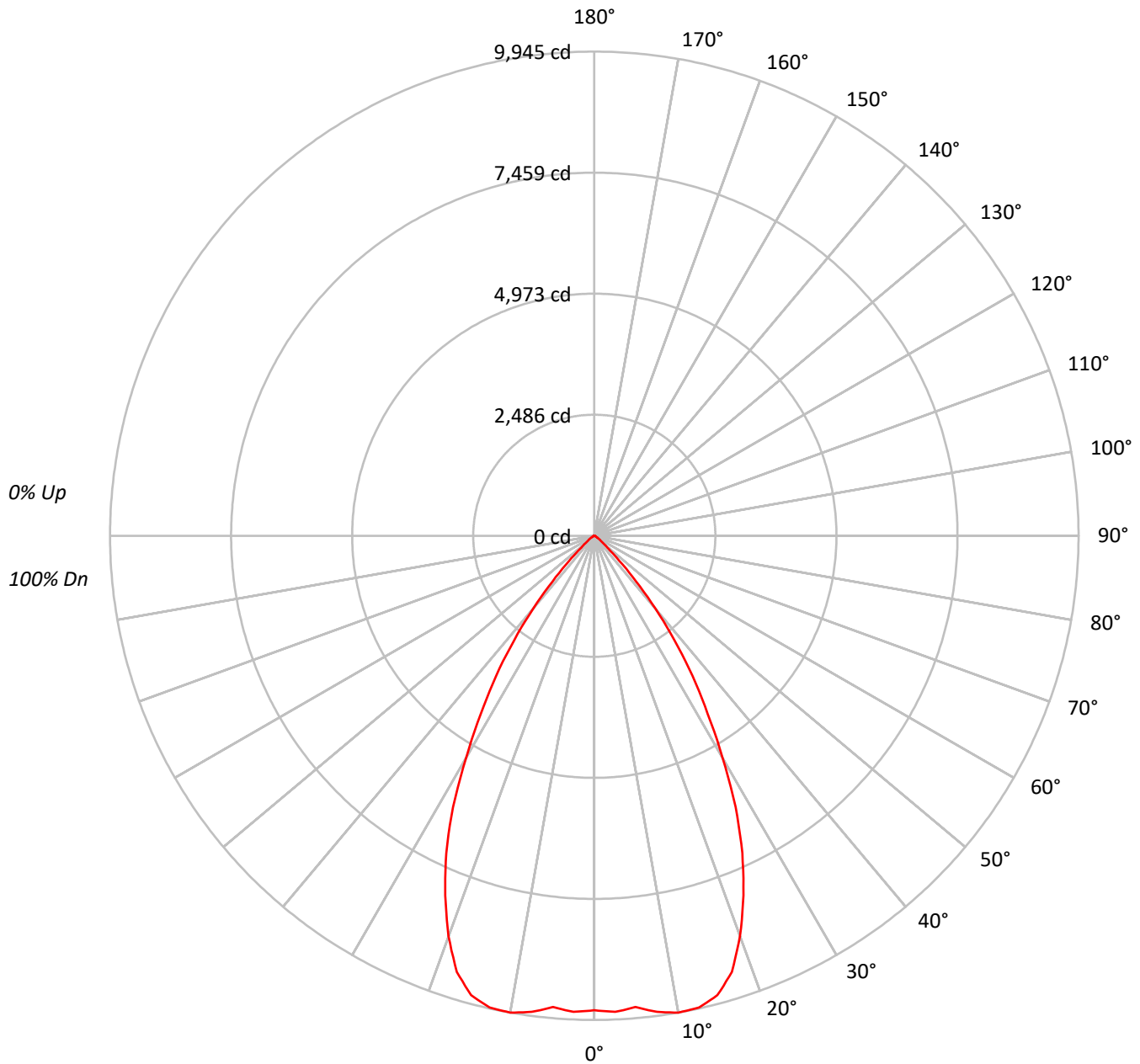


Downlight

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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			0
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111			106	106	106			100
1	113	111	108	106		111	108	106	104		104	103	101			101	99	98			93
2	108	103	99	95		106	101	97	94		98	95	92			95	92	90			87
3	102	96	91	87		100	94	90	86		92	88	85			89	86	83			80
4	97	89	84	79		95	88	83	79		86	82	78			84	80	77			75
5	92	83	78	73		90	83	77	73		81	76	72			79	75	72			69
6	87	78	72	68		86	77	72	68		76	71	67			74	70	67			65
7	83	73	67	63		81	73	67	63		71	66	62			70	66	62			60
8	79	69	63	59		77	68	63	59		67	62	58			66	62	58			57
9	75	65	59	55		74	65	59	55		64	58	55			63	58	55			53
10	71	61	56	52		70	61	55	52		60	55	51			59	55	51			50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1064997
5°	1065874
10°	1103405
15°	1105236
20°	1017550
25°	867002
30°	663721
35°	468907
40°	276787
45°	112366
50°	40727
55°	22687
60°	13024
65°	7161
70°	7507
75°	5868
80°	6103
85°	5265

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 112366 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	938.6	9.5
10°-20°	2707.4	27.3
20°-30°	3248.4	32.8
30°-40°	2183.0	22.1
40°-50°	653.5	6.6
50°-60°	115.3	1.2
60°-70°	32.8	0.3
70°-80°	16.1	0.2
80°-90°	5.1	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°	6894.3	69.6
0°-40°	9077.3	91.7
0°-60°	9846.1	99.5
0°-90°	9900.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9900.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	9747	
5°	9718	939
15°	9771	2707
25°	7192	3248
35°	3516	2183
45°	727	653
55°	119	115
65°	28	33
75°	14	16
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	9747.3
2.5°	9788.9
5°	9718.2
7.5°	9865.0
10°	9945.4
12.5°	9926.0
15°	9770.9
17.5°	9391.3
20°	8751.4
22.5°	7997.9
25°	7191.7
27.5°	6281.7
30°	5260.8
32.5°	4335.5
35°	3515.5
37.5°	2705.2
40°	1940.6
42.5°	1267.4
45°	727.2
47.5°	385.1
50°	239.6
52.5°	166.2
55°	119.1
57.5°	85.9
60°	59.6
62.5°	38.8
65°	27.7
67.5°	24.9
70°	23.5
72.5°	18.0
75°	13.9
77.5°	12.5
80°	9.7
82.5°	6.9
85°	4.2
87.5°	2.8
90°	0.0



Report Generated By 670245859 / DESKTOP-T8S5UU9

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





— 0°-180°







(END OF REPORT)