

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: P774836

Luminaire Tested: LD6D95BD010-EU6DR7070959035-6LBDP1H

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P774836
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-73)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/5/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D95BD010-EU6DR7070959035-6LBDP1H
Description: 6 INCH ROUND DEEP 45° CUTOFF SEMI-SPECULAR CLEAR TRIM, WITH 70° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11404.5 lumens
Efficiency: N/A
Efficacy: 115.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.82
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

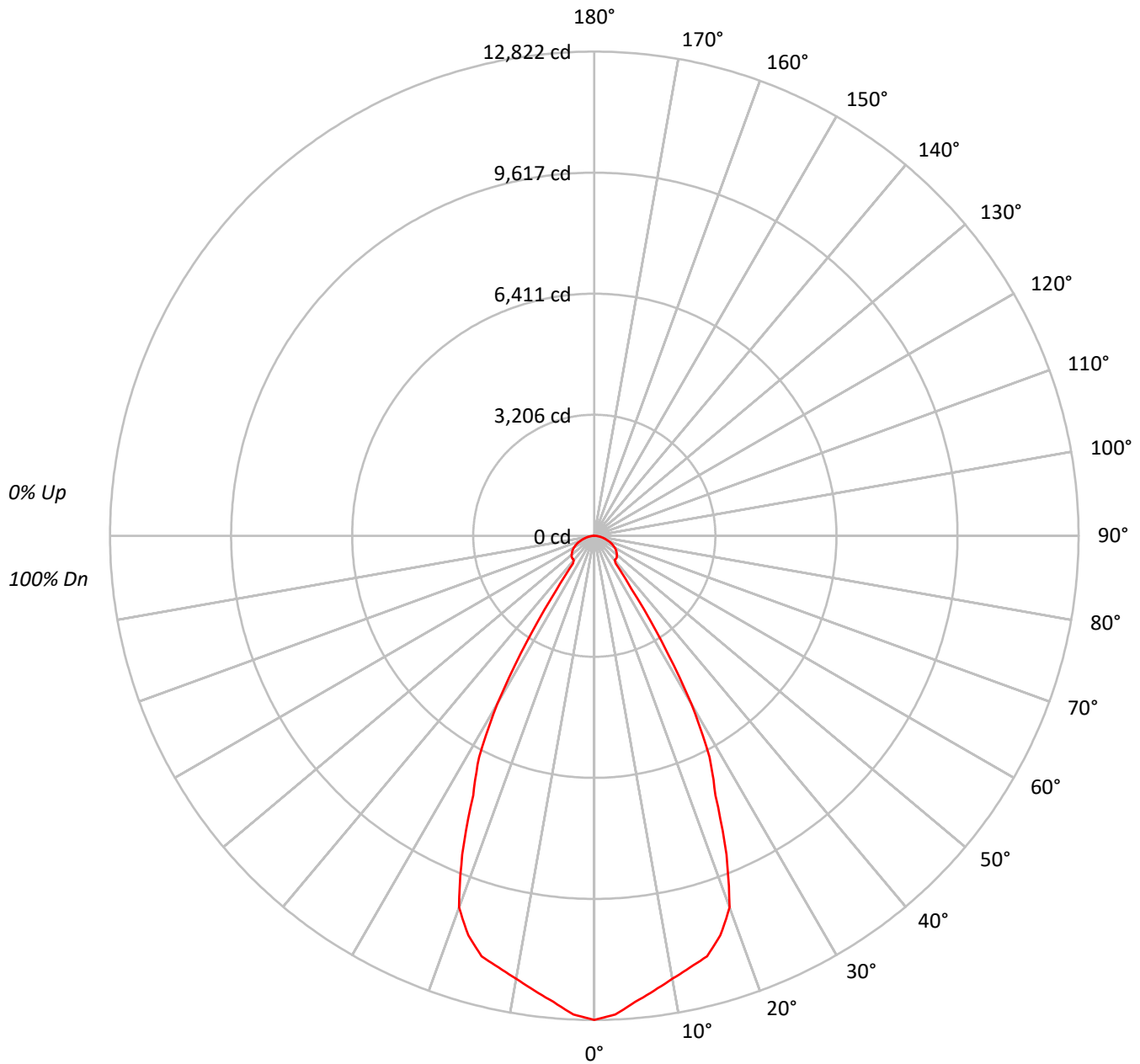


Downlight

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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		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	103		110	107	104	102		103	101	99		99	97	96		95	94	93
2	106	100	95	91		103	98	94	90		95	91	88		92	89	86		89	87	85
3	100	92	87	82		98	91	86	81		88	84	80		86	82	79		83	80	78
4	94	86	80	75		92	85	79	74		82	77	73		80	76	73		78	75	72
5	89	80	74	69		87	79	73	69		77	72	68		75	71	67		74	70	67
6	85	75	68	64		83	74	68	64		73	67	63		71	66	63		70	66	62
7	80	70	64	59		79	70	64	59		68	63	59		67	62	59		66	62	58
8	77	66	60	56		75	66	60	56		65	59	55		64	59	55		63	58	55
9	73	63	57	52		72	62	56	52		61	56	52		60	55	52		60	55	52
10	70	59	53	49		69	59	53	49		58	53	49		57	52	49		57	52	49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1400941
5°	1359318
10°	1321426
15°	1304092
20°	1217749
25°	914838
30°	646714
35°	229085
40°	120451
45°	128296
50°	132856
55°	135343
60°	136183
65°	133300
70°	125802
75°	116556
80°	103442
85°	83993

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 57.5°

Luminance: 136225 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1169.0	10.3
10°-20°	3206.5	28.1
20°-30°	3531.5	31.0
30°-40°	1349.3	11.8
40°-50°	637.1	5.6
50°-60°	633.4	5.6
60°-70°	507.1	4.4
70°-80°	291.4	2.6
80°-90°	79.2	0.7
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°	7907.0	69.3
0°-40°	9256.3	81.2
0°-60°	10526.8	92.3
0°-90°	11404.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11404.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	12822	
5°	12394	###
15°	11529	3206
25°	7588	3532
35°	1718	1349
45°	830	637
55°	710	633
65°	516	507
75°	276	291
85°	67	79
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	12822.0
2.5°	12688.1
5°	12393.7
7.5°	12148.1
10°	11910.5
12.5°	11709.6
15°	11528.9
17.5°	11092.4
20°	10473.2
22.5°	9137.4
25°	7588.5
27.5°	6605.9
30°	5126.0
32.5°	3311.1
35°	1717.5
37.5°	927.8
40°	844.5
42.5°	838.4
45°	830.3
47.5°	812.0
50°	781.6
52.5°	747.1
55°	710.5
57.5°	669.9
60°	623.2
62.5°	570.5
65°	515.6
67.5°	454.7
70°	393.8
72.5°	332.9
75°	276.1
77.5°	217.2
80°	164.4
82.5°	115.7
85°	67.0
87.5°	26.4
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)