

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: P774826

Luminaire Tested: LD6D95BD010-EU6DR7070959030-6LBS1B

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P774826
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-76)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D95BD010-EU6DR7070959030-6LBS1B
Description: 6 INCH ROUND SHALLOW SPECULAR BLACK TRIM, WITH 70° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11057.9 lumens
Efficiency: N/A
Efficacy: 111.5 lumens/watt
Spacing Criteria (0/90/45): 1.1 / 1.1 / 1.04
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

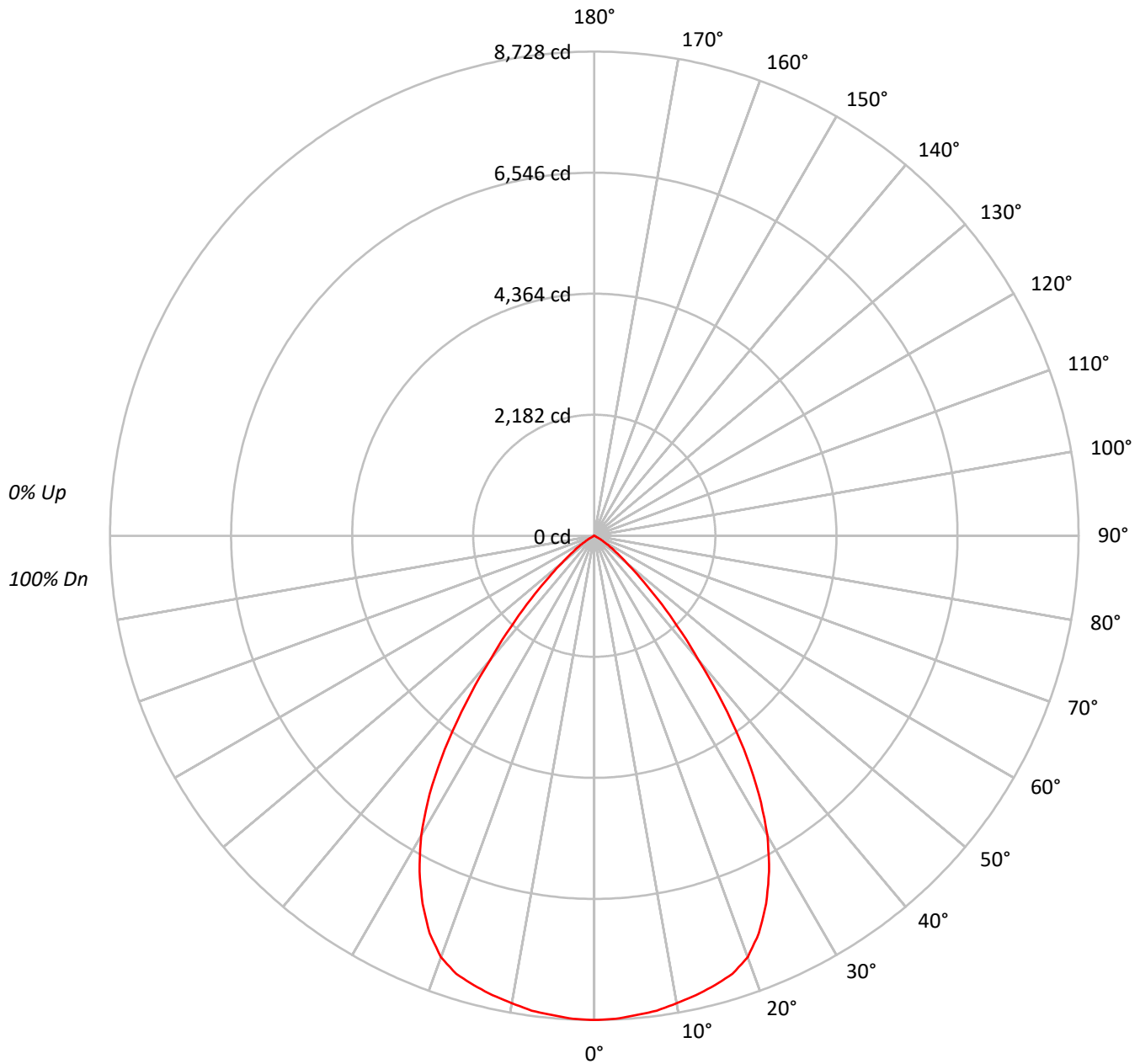


Downlight

TEST NUMBER: P774826

CATALOG NUMBER: LD6D95BD010-EU6DR7070959030-6LBS1B

Luminous Intensity Polar Plot





TEST NUMBER: P774826

CATALOG NUMBER: LD6D95BD010-EU6DR7070959030-6LBS1B

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	97	94	105	100	96	92	97	93	90		94	91	88		91
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	83	78	75		81	77	74		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	84	75	68	63	83	74	68	63	72	67	63		71	66	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	53	50		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	953606
5°	951227
10°	949168
15°	948900
20°	939624
25°	882662
30°	786894
35°	627392
40°	416593
45°	249052
50°	129116
55°	67872
60°	24016
65°	414
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 249052 cd/sqm



TEST NUMBER: P774826

CATALOG NUMBER: LD6D95BD010-EU6DR7070959030-6LBS1B

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	824.8	7.5
10°-20°	2365.5	21.4
20°-30°	3337.1	30.2
30°-40°	2880.7	26.1
40°-50°	1290.0	11.7
50°-60°	337.7	3.1
60°-70°	22.0	0.2
70°-80°	0.0	0.0
80°-90°	0.0	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°	6527.3	59.0
0°-40°	9408.1	85.1
0°-60°	11035.9	99.8
0°-90°	11057.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11057.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8728	
5°	8673	825
15°	8389	2366
25°	7322	3337
35°	4704	2881
45°	1612	1290
55°	356	338
65°	2	22
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P774826

CATALOG NUMBER: LD6D95BD010-EU6DR7070959030-6LBS1B

CANDELA DISTRIBUTION (FULL):

0°	
0°	8727.8
2.5°	8718.4
5°	8672.9
7.5°	8635.2
10°	8555.2
12.5°	8483.0
15°	8388.8
17.5°	8280.5
20°	8081.2
22.5°	7753.2
25°	7321.6
27.5°	6820.9
30°	6237.1
32.5°	5522.9
35°	4703.7
37.5°	3799.7
40°	2920.8
42.5°	2219.2
45°	1611.8
47.5°	1111.2
50°	759.6
52.5°	524.2
55°	356.3
57.5°	215.0
60°	109.9
62.5°	34.5
65°	1.6
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670245859 / DESKTOP-T8S5UU9





— 0°-180°







(END OF REPORT)