

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: P774316

Luminaire Tested: LD6D95BD010-EU6DR3570959050-6LBDP1H

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P774316
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: LD6D95BD010-EU6DR3570959050-6LBDP1H
Description: 6 INCH ROUND DEEP 45° CUTOFF SEMI-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: 11376.8 lumens
Efficiency: N/A
Efficacy: 114.7 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): 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

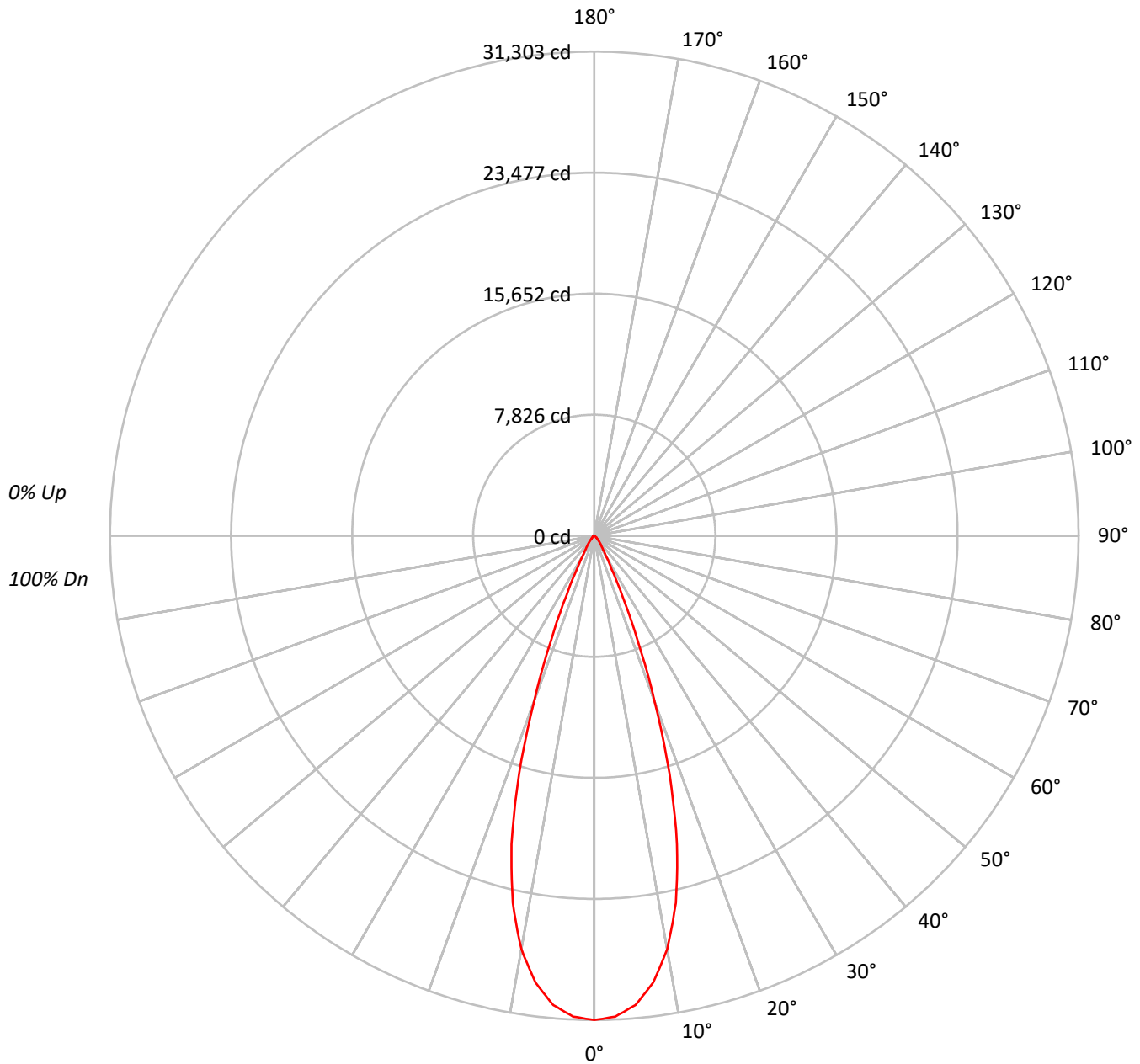


Downlight

TEST NUMBER: P774316

CATALOG NUMBER: LD6D95BD010-EU6DR3570959050-6LBDP1H

Luminous Intensity Polar Plot



CATALOG NUMBER: LD6D95BD010-EU6DR3570959050-6LBDP1H

RF	20				20				20				20				20							
RC	80				70				50				30				10				0			
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100						
1	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	98	96						
2	110	106	103	101	108	105	102	99	102	99	97	99	97	95	96	95	93	92						
3	106	101	97	94	105	100	96	93	97	95	92	95	93	91	93	91	89	88						
4	103	97	92	89	101	96	92	89	94	90	88	92	89	87	90	88	86	84						
5	99	93	88	85	98	92	87	84	90	86	84	89	85	83	87	84	82	81						
6	96	89	84	81	94	88	84	81	87	83	80	85	82	80	84	81	79	78						
7	93	85	81	78	91	85	80	77	84	80	77	83	79	77	82	79	76	75						
8	90	82	78	74	88	82	77	74	81	77	74	80	76	74	79	76	73	72						
9	87	79	75	72	86	79	75	72	78	74	71	77	74	71	77	73	71	70						
10	84	77	72	69	83	76	72	69	76	72	69	75	71	69	74	71	69	68						

	0°
0°	3420222
5°	3339852
10°	3010095
15°	2336312
20°	1325127
25°	515533
30°	192324
35°	105426
40°	68904
45°	41936
50°	26704
55°	18859
60°	13811
65°	7497
70°	543
75°	0
80°	0
85°	0

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 41936 cd/sqm



TEST NUMBER: P774316

CATALOG NUMBER: LD6D95BD010-EU6DR3570959050-6LBDP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2800.6	24.6
10°-20°	5468.1	48.1
20°-30°	2230.1	19.6
30°-40°	533.7	4.7
40°-50°	222.4	2.0
50°-60°	92.1	0.8
60°-70°	28.8	0.3
70°-80°	0.7	0.0
80°-90°	0.5	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°	10498.8	92.3
0°-40°	11032.4	97.0
0°-60°	11346.9	99.7
0°-90°	11376.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11376.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	31303	
5°	30451	###
15°	20654	5468
25°	4276	2230
35°	790	534
45°	271	222
55°	99	92
65°	29	29
75°	0	1
85°	0	0
90°	0	



TEST NUMBER: P774316

CATALOG NUMBER: LD6D95BD010-EU6DR3570959050-6LBDP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	31303.3
2.5°	31115.5
5°	30451.4
7.5°	29126.7
10°	27131.1
12.5°	24321.2
15°	20654.3
17.5°	16169.8
20°	11396.7
22.5°	7267.2
25°	4276.3
27.5°	2417.3
30°	1524.4
32.5°	1070.4
35°	790.4
37.5°	611.1
40°	483.1
42.5°	372.2
45°	271.4
47.5°	203.1
50°	157.1
52.5°	124.6
55°	99.0
57.5°	80.2
60°	63.2
62.5°	46.1
65°	29.0
67.5°	10.2
70°	1.7
72.5°	1.7
75°	0.0
77.5°	0.0
80°	0.0
82.5°	1.7
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670245859 / DESKTOP-T8S5UU9





— 0°-180°







(END OF REPORT)