

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: P774151

Luminaire Tested: LD6D95BD010-EU6DR2570959040-6LBS1H

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P774151
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D95BD010-EU6DR2570959040-6LBS1H
Description: 6 INCH ROUND SHALLOW SEMI-SPECULAR CLEAR TRIM, WITH 25° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11123.2 lumens
Efficiency: N/A
Efficacy: 112.1 lumens/watt
Spacing Criteria (0/90/45): 0.42 / 0.42 / 0.45
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

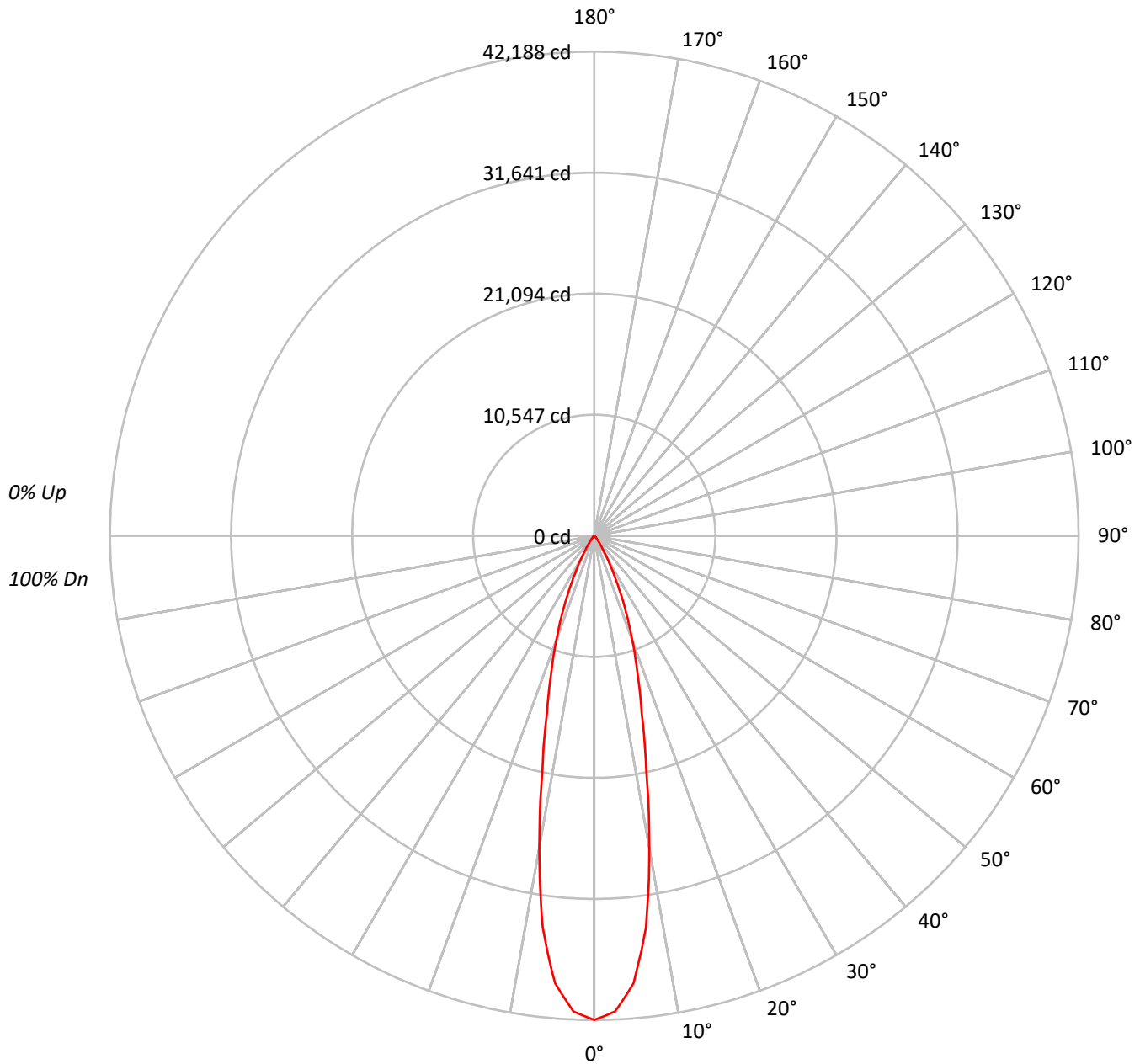


Downlight

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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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	97	95	94
3	107	102	98	95	105	101	97	94	98	95	93	96	93	91	94	92	90
4	103	97	93	90	102	96	93	90	94	91	89	93	90	88	91	89	87
5	100	93	89	86	98	93	89	86	91	87	85	89	86	84	88	85	83
6	97	90	85	82	95	89	85	82	88	84	81	87	83	81	85	83	80
7	93	87	82	79	92	86	82	79	85	81	78	84	80	78	83	80	78
8	91	84	79	76	90	83	79	76	82	78	76	81	78	75	80	77	75
9	88	81	76	73	87	80	76	73	80	76	73	79	75	73	78	75	73
10	85	78	74	71	85	78	74	71	77	73	71	76	73	71	76	73	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	4609482
5°	4293152
10°	3062428
15°	1803654
20°	1122254
25°	615896
30°	281660
35°	106666
40°	48309
45°	29049
50°	12052
55°	7772
60°	5419
65°	3671
70°	575
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29049 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3364.0	30.2
10°-20°	4556.4	41.0
20°-30°	2411.2	21.7
30°-40°	595.2	5.4
40°-50°	145.2	1.3
50°-60°	38.2	0.3
60°-70°	12.8	0.1
70°-80°	0.2	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°	10331.5	92.9
0°-40°	10926.7	98.2
0°-60°	11110.2	99.9
0°-90°	11123.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11123.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	42188	
5°	39143	###
15°	15945	4556
25°	5109	2411
35°	800	595
45°	188	145
55°	41	38
65°	14	13
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	42187.9
2.5°	41494.6
5°	39143.2
7.5°	34419.2
10°	27602.8
12.5°	20866.1
15°	15945.3
17.5°	12427.1
20°	9651.9
22.5°	7238.5
25°	5108.8
27.5°	3426.0
30°	2232.5
32.5°	1358.3
35°	799.7
37.5°	489.4
40°	338.7
42.5°	258.9
45°	188.0
47.5°	113.5
50°	70.9
52.5°	51.4
55°	40.8
57.5°	31.9
60°	24.8
62.5°	19.5
65°	14.2
67.5°	5.3
70°	1.8
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



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— 0°-180°







(END OF REPORT)