

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: P774779

Luminaire Tested: LD6D95BD010-EU6DR6570959040-6LBSQW1MW

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P774779
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-EU6DR6570959040-6LBSQW1MW
Description: 6 INCH SQAURE DEEP 45° CUTOFF MATTE WHITE TRIM, WITH 65° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9322.8 lumens
Efficiency: N/A
Efficacy: 94.0 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

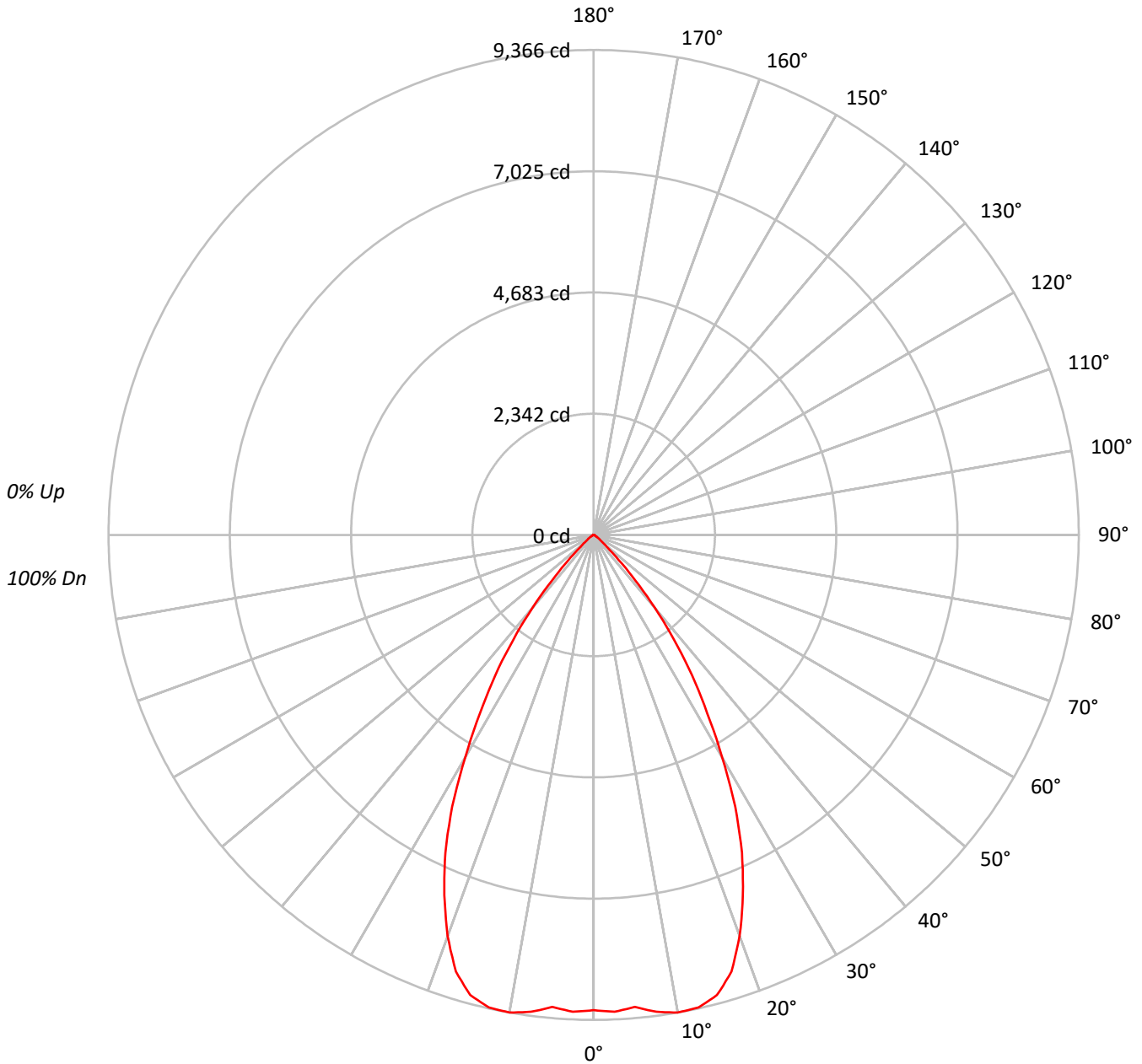
Input Watts (W): 99.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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		0	
RW	70	50	30	10	70	50	30	10	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	100		
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93		
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87		
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80		
4	97	89	84	79	95	88	83	79	86	82	78	84	80	77	82	79	76	75		
5	92	83	78	73	90	83	77	73	81	76	72	79	75	72	77	74	71	69		
6	87	78	72	68	86	77	72	68	76	71	67	74	70	67	73	69	66	65		
7	83	73	67	63	81	73	67	63	71	66	62	70	66	62	69	65	62	60		
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	57		
9	75	65	59	55	74	65	59	55	64	58	55	63	58	55	62	58	54	53		
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1002904
5°	1003730
10°	1039067
15°	1040794
20°	958216
25°	816453
30°	625026
35°	441564
40°	260656
45°	105814
50°	38364
55°	21373
60°	12259
65°	6748
70°	7092
75°	5488
80°	5726
85°	4889

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 105814 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	883.9	9.5
10°-20°	2549.5	27.3
20°-30°	3059.0	32.8
30°-40°	2055.7	22.1
40°-50°	615.4	6.6
50°-60°	108.6	1.2
60°-70°	30.9	0.3
70°-80°	15.1	0.2
80°-90°	4.8	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°	6492.4	69.6
0°-40°	8548.1	91.7
0°-60°	9272.1	99.5
0°-90°	9322.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9322.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	9179	
5°	9152	884
15°	9201	2550
25°	6772	3059
35°	3310	2056
45°	685	615
55°	112	109
65°	26	31
75°	13	15
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	9179.0
2.5°	9218.1
5°	9151.6
7.5°	9289.9
10°	9365.5
12.5°	9347.3
15°	9201.2
17.5°	8843.8
20°	8241.1
22.5°	7531.6
25°	6772.4
27.5°	5915.4
30°	4954.1
32.5°	4082.7
35°	3310.5
37.5°	2547.5
40°	1827.5
42.5°	1193.5
45°	684.8
47.5°	362.6
50°	225.7
52.5°	156.5
55°	112.2
57.5°	80.9
60°	56.1
62.5°	36.5
65°	26.1
67.5°	23.5
70°	22.2
72.5°	17.0
75°	13.0
77.5°	11.7
80°	9.1
82.5°	6.5
85°	3.9
87.5°	2.6
90°	0.0

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

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180°

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