

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



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: P774782

Luminaire Tested: LD6D95BD010-EU6DR6570959050-6LBCSSQMW

Issue Date: 2/2/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P774782  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-147)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/2/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LD6D95BD010-EU6DR6570959050-6LBCSSQMW  
Description: 6 INCH SQAURE SHALLOW CAST MATTE WHITE TRIM, WITH 65° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT  
Ballast/Driver: -

**Summary**

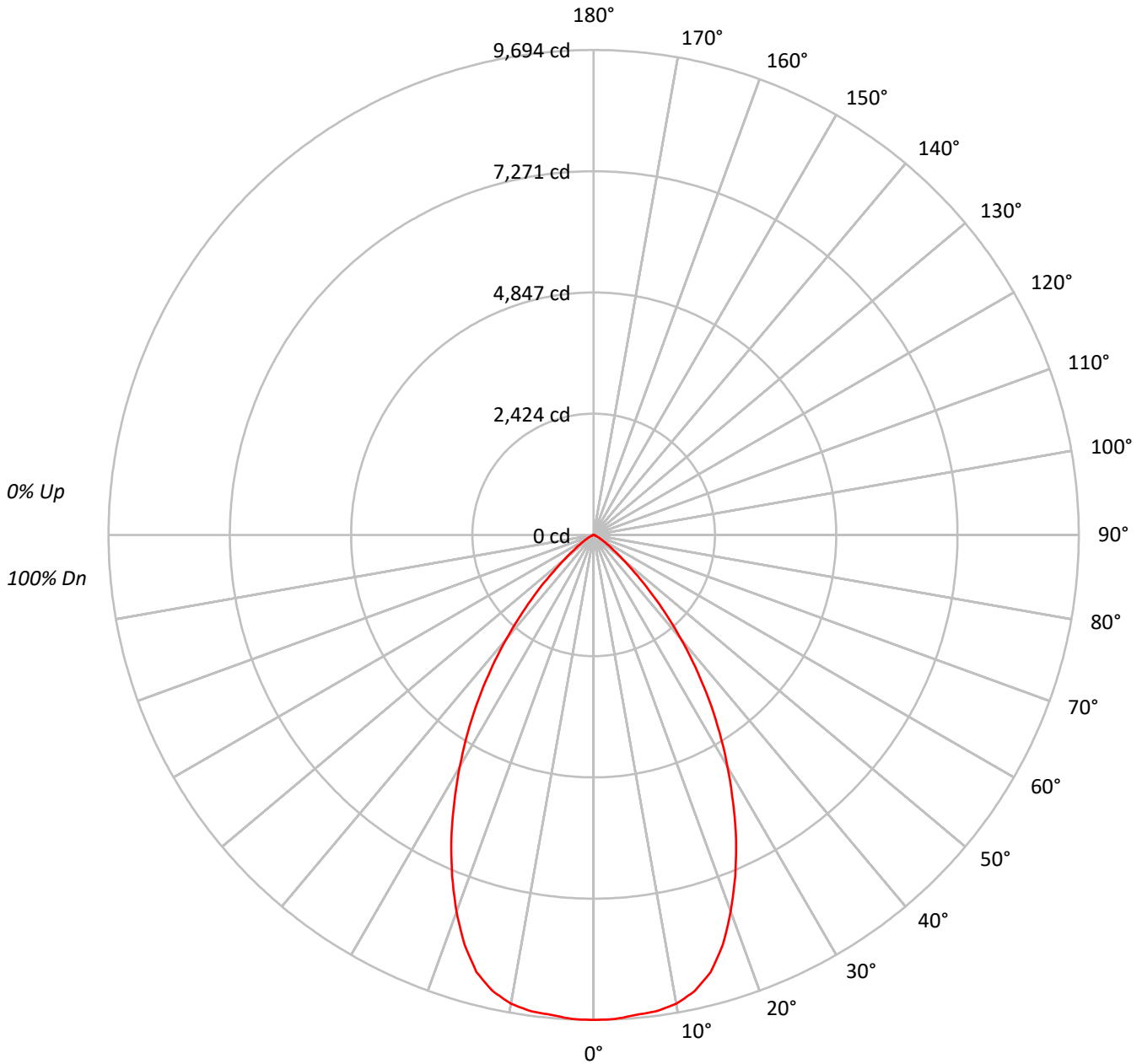
Lumens per Lamp: N/A  
Luminaire Lumens: 10676.8 lumens  
Efficiency: N/A  
Efficacy: 107.6 lumens/watt  
Spacing Criteria (0/90/45): 0.95 / 0.95 / 0.96  
Luminous Opening: Circular (Dia: 0.48' x H: 0')  
CIE Type: Direct

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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	93			93
2	107	102	97	94	105	100	96	92	97	93	90	94	91	88	91	89	87	85			85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78			78
4	95	87	81	76	93	86	80	76	84	79	75	82	77	74	80	76	73	72			72
5	90	81	74	70	88	80	74	69	78	73	69	76	72	68	75	71	68	66			66
6	85	75	69	64	83	74	68	64	73	67	63	71	67	63	70	66	62	61			61
7	80	70	64	59	79	69	63	59	68	63	59	67	62	58	66	61	58	56			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	61	55	51	71	61	55	51	60	54	51	59	54	50	58	54	50	49			49
10	68	58	52	47	67	57	51	47	57	51	47	56	51	47	55	50	47	46			46

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	566185
5°	564754
10°	564274
15°	546874
20°	497863
25°	433859
30°	360846
35°	285919
40°	206361
45°	130369
50°	67954
55°	36117
60°	18970
65°	10434
70°	4371
75°	4829
80°	3363
85°	2881

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 130369 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	916.8	8.6
10°-20°	2510.5	23.5
20°-30°	3068.6	28.7
30°-40°	2489.8	23.3
40°-50°	1240.7	11.6
50°-60°	346.1	3.2
60°-70°	78.6	0.7
70°-80°	20.5	0.2
80°-90°	5.2	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°	6495.9	60.8
0°-40°	8985.7	84.2
0°-60°	10572.4	99.0
0°-90°	10676.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10676.8	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	9694	
5°	9633	917
15°	9045	2510
25°	6733	3069
35°	4010	2490
45°	1578	1241
55°	355	346
65°	76	79
75°	21	20
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	9694.3
2.5°	9687.1
5°	9633.0
7.5°	9601.7
10°	9514.8
12.5°	9338.1
15°	9044.6
17.5°	8585.9
20°	8010.4
22.5°	7389.3
25°	6732.6
27.5°	6030.2
30°	5350.7
32.5°	4679.7
35°	4010.2
37.5°	3342.1
40°	2706.7
42.5°	2111.2
45°	1578.4
47.5°	1099.8
50°	747.9
52.5°	515.7
55°	354.7
57.5°	239.3
60°	162.4
62.5°	112.5
65°	75.5
67.5°	38.5
70°	25.6
72.5°	24.2
75°	21.4
77.5°	14.2
80°	10.0
82.5°	7.1
85°	4.3
87.5°	2.8
90°	0.0

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Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180°

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(END OF REPORT)