

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: P774769

Luminaire Tested: LD6D95BD010-EU6DR6570959040-6LBCSSQMW

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P774769
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-EU6DR6570959040-6LBCSSQMW
Description: 6 INCH SQAURE SHALLOW CAST 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: 10601.1 lumens
Efficiency: N/A
Efficacy: 106.9 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

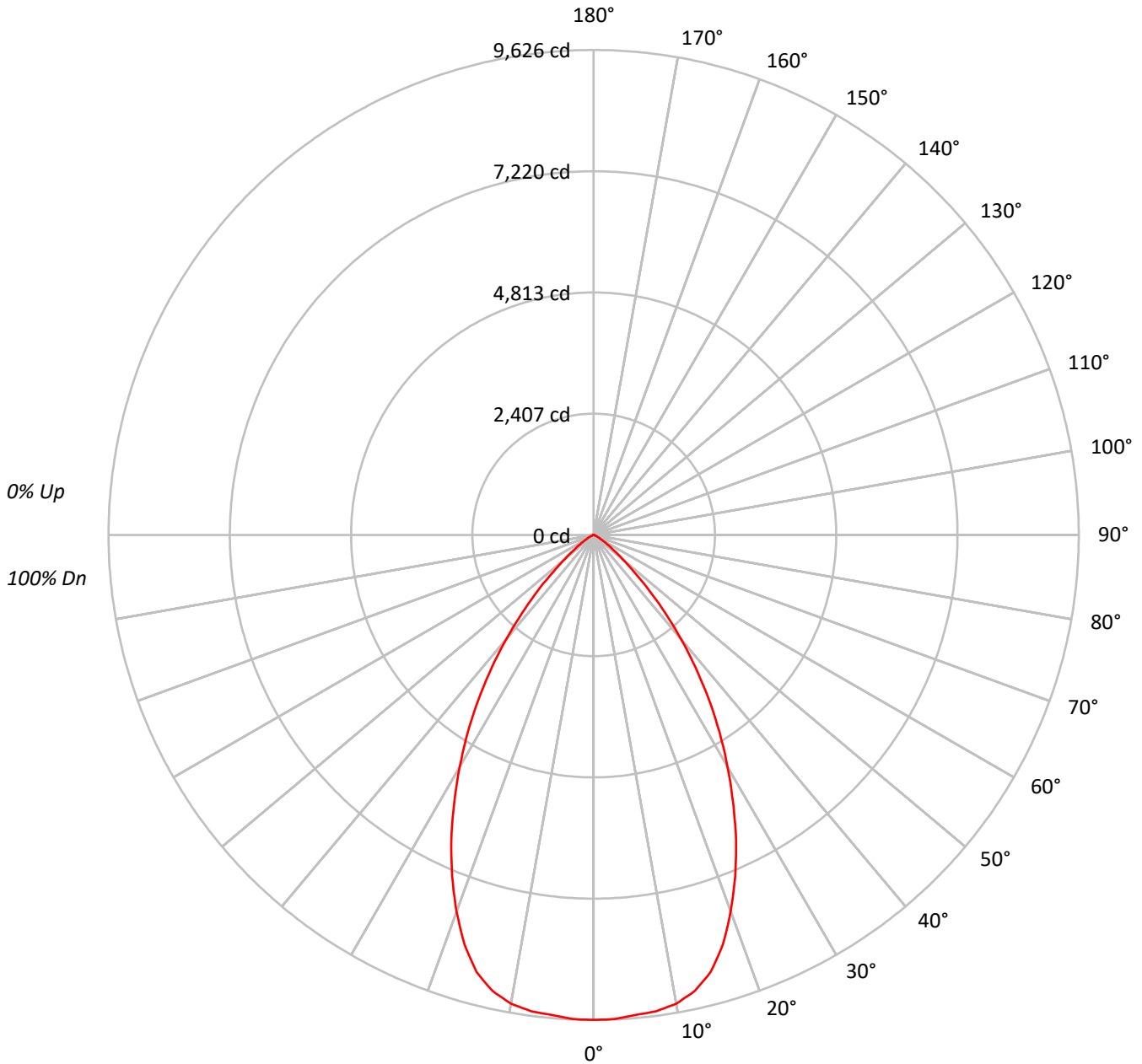
Input Watts (W): 99.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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°	562166
5°	560749
10°	560271
15°	542998
20°	494333
25°	430779
30°	358290
35°	283887
40°	204897
45°	129444
50°	67473
55°	35862
60°	18841
65°	10365
70°	4354
75°	4784
80°	3330
85°	2814

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 129444 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	910.3	8.6
10°-20°	2492.7	23.5
20°-30°	3046.9	28.7
30°-40°	2472.1	23.3
40°-50°	1231.9	11.6
50°-60°	343.6	3.2
60°-70°	78.1	0.7
70°-80°	20.3	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°	6449.8	60.8
0°-40°	8922.0	84.2
0°-60°	10497.5	99.0
0°-90°	10601.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10601.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	9626	
5°	9565	910
15°	8980	2493
25°	6685	3047
35°	3982	2472
45°	1567	1232
55°	352	344
65°	75	78
75°	21	20
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	9625.5
2.5°	9618.4
5°	9564.7
7.5°	9533.6
10°	9447.3
12.5°	9271.9
15°	8980.5
17.5°	8525.0
20°	7953.6
22.5°	7336.9
25°	6684.8
27.5°	5987.5
30°	5312.8
32.5°	4646.5
35°	3981.7
37.5°	3318.4
40°	2687.5
42.5°	2096.3
45°	1567.2
47.5°	1092.0
50°	742.6
52.5°	512.0
55°	352.2
57.5°	237.6
60°	161.3
62.5°	111.7
65°	75.0
67.5°	38.2
70°	25.5
72.5°	24.0
75°	21.2
77.5°	14.1
80°	9.9
82.5°	7.1
85°	4.2
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)