

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: P774767

Luminaire Tested: LD6D95BD010-EU6DR6570959040-6LBCSSQMB

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P774767
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-EU6DR6570959040-6LBCSSQMB
Description: 6 INCH SQAURE SHALLOW CAST MATTE BLACK TRIM, WITH 65° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10406.9 lumens
Efficiency: N/A
Efficacy: 104.9 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

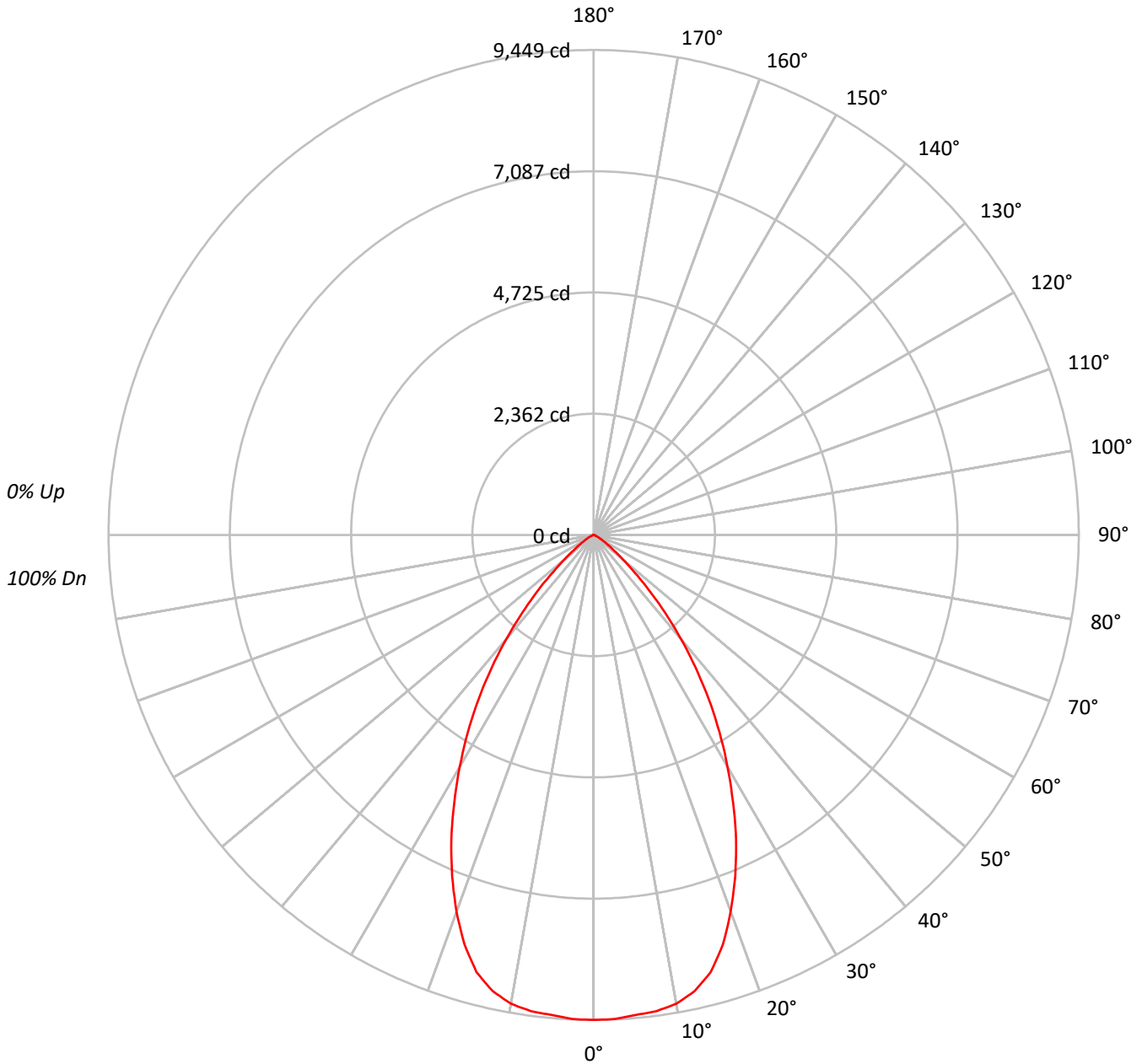
Input Watts (W): 99.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	551864
5°	550472
10°	550005
15°	533052
20°	485277
25°	422885
30°	351721
35°	278689
40°	201146
45°	127073
50°	66237
55°	35211
60°	18491
65°	10171
70°	4269
75°	4694
80°	3262
85°	2814

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 127073 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	893.6	8.6
10°-20°	2447.0	23.5
20°-30°	2991.1	28.7
30°-40°	2426.9	23.3
40°-50°	1209.3	11.6
50°-60°	337.3	3.2
60°-70°	76.7	0.7
70°-80°	19.9	0.2
80°-90°	5.1	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°	6331.6	60.8
0°-40°	8758.5	84.2
0°-60°	10305.2	99.0
0°-90°	10406.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10406.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	9449	
5°	9389	894
15°	8816	2447
25°	6562	2991
35°	3909	2427
45°	1538	1209
55°	346	337
65°	74	77
75°	21	20
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	9449.1
2.5°	9442.2
5°	9389.4
7.5°	9358.9
10°	9274.2
12.5°	9102.0
15°	8816.0
17.5°	8368.8
20°	7807.9
22.5°	7202.5
25°	6562.3
27.5°	5877.8
30°	5215.4
32.5°	4561.4
35°	3908.8
37.5°	3257.6
40°	2638.3
42.5°	2057.8
45°	1538.5
47.5°	1072.0
50°	729.0
52.5°	502.7
55°	345.8
57.5°	233.3
60°	158.3
62.5°	109.7
65°	73.6
67.5°	37.5
70°	25.0
72.5°	23.6
75°	20.8
77.5°	13.9
80°	9.7
82.5°	6.9
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)