

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: P774717

Luminaire Tested: LD6D95BD010-EU6DR6570959024-6LBCSSQMW

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P774717
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-EU6DR6570959024-6LBCSSQMW
Description: 6 INCH SQAURE SHALLOW CAST MATTE WHITE TRIM, WITH 65° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 2400K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8587.7 lumens
Efficiency: N/A
Efficacy: 86.6 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

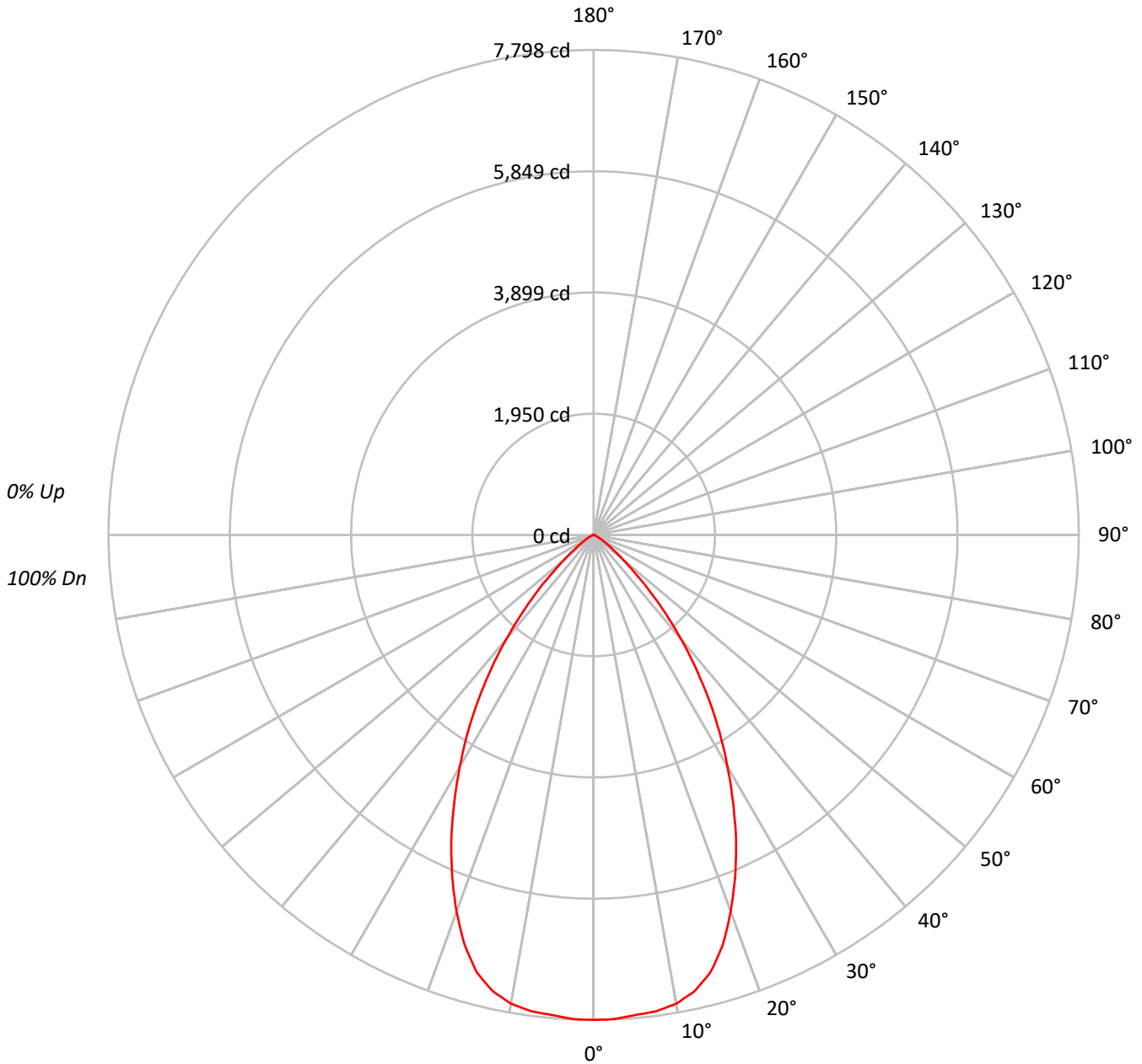
Input Watts (W): 99.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
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°	455404
5°	454253
10°	453866
15°	439877
20°	400452
25°	348970
30°	290244
35°	229972
40°	165984
45°	104863
50°	54662
55°	29050
60°	15255
65°	8388
70°	3518
75°	3881
80°	2691
85°	2278

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 104863 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	737.4	8.6
10°-20°	2019.3	23.5
20°-30°	2468.2	28.7
30°-40°	2002.6	23.3
40°-50°	998.0	11.6
50°-60°	278.4	3.2
60°-70°	63.2	0.7
70°-80°	16.5	0.2
80°-90°	4.2	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°	5224.9	60.8
0°-40°	7227.5	84.2
0°-60°	8503.8	99.0
0°-90°	8587.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8587.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7798	
5°	7748	737
15°	7275	2019
25°	5415	2468
35°	3226	2003
45°	1270	998
55°	285	278
65°	61	63
75°	17	16
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	7797.5
2.5°	7791.7
5°	7748.2
7.5°	7723.0
10°	7653.1
12.5°	7511.0
15°	7275.0
17.5°	6906.0
20°	6443.1
22.5°	5943.5
25°	5415.3
27.5°	4850.4
30°	4303.8
32.5°	3764.1
35°	3225.5
37.5°	2688.1
40°	2177.1
42.5°	1698.1
45°	1269.6
47.5°	884.6
50°	601.6
52.5°	414.8
55°	285.3
57.5°	192.5
60°	130.6
62.5°	90.5
65°	60.7
67.5°	30.9
70°	20.6
72.5°	19.5
75°	17.2
77.5°	11.5
80°	8.0
82.5°	5.7
85°	3.4
87.5°	2.3
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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