

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: P774637

Luminaire Tested: LD6D95BD010-EU6DR6070959024-6LBCSSQMB

Issue Date: 2/2/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P774637  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-60)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/2/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LD6D95BD010-EU6DR6070959024-6LBCSSQMB  
Description: 6 INCH SQAURE SHALLOW CAST MATTE BLACK TRIM, WITH 60° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 2400K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9362.3 lumens  
Efficiency: N/A  
Efficacy: 94.4 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

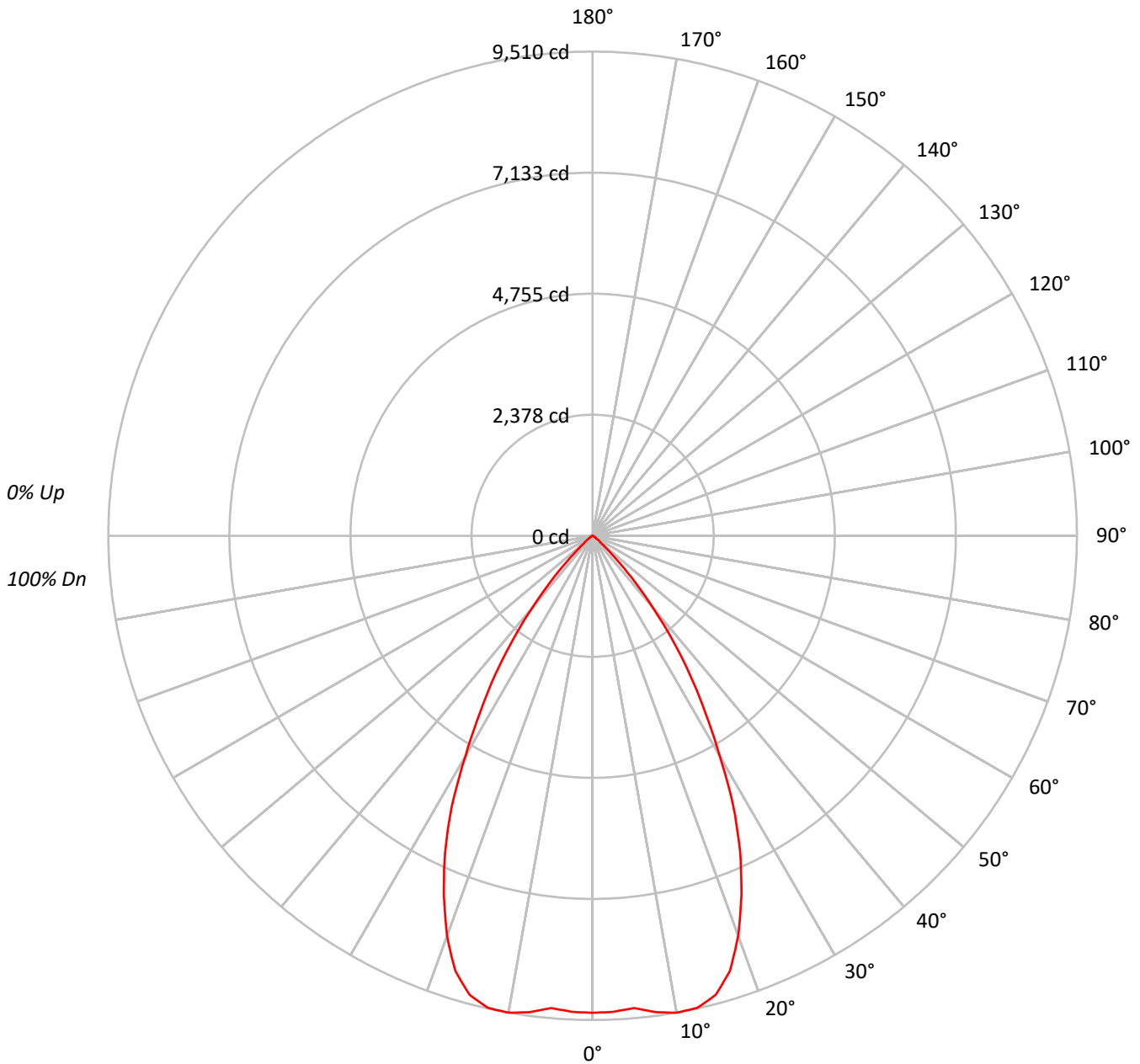
Input Watts (W): 99.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97	96	95	94
2	108	103	99	96	106	101	98	95	98	95	92		95	93	90		92	90	89	87
3	102	96	91	87	100	95	90	86	92	88	85		90	86	84		87	85	82	81
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82	79	77	75
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78	74	71	70
6	87	79	73	68	86	78	72	68	76	71	68		75	70	67		74	70	67	65
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69	65	62	61
8	79	69	63	59	78	69	63	59	68	63	59		67	62	59		66	61	58	57
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62	58	55	53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59	55	52	50

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

	0°
0°	1023697
5°	1021191
10°	1055110
15°	1056201
20°	971820
25°	826592
30°	629833
35°	445392
40°	261540
45°	105536
50°	35237
55°	16954
60°	6971
65°	1034
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 105536 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	898.2	9.6
10°-20°	2586.8	27.6
20°-30°	3096.0	33.1
30°-40°	2070.7	22.1
40°-50°	614.0	6.6
50°-60°	88.3	0.9
60°-70°	8.4	0.1
70°-80°	0.0	0.0
80°-90°	0.0	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°	6581.0	70.3
0°-40°	8651.7	92.4
0°-60°	9354.0	99.9
0°-90°	9362.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9362.3	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	9369	
5°	9311	898
15°	9337	2587
25°	6856	3096
35°	3339	2071
45°	683	614
55°	89	88
65°	4	8
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	9369.3
2.5°	9357.3
5°	9310.8
7.5°	9437.0
10°	9510.1
12.5°	9496.8
15°	9337.4
17.5°	8961.3
20°	8358.1
22.5°	7633.9
25°	6856.5
27.5°	5980.9
30°	4992.2
32.5°	4109.9
35°	3339.2
37.5°	2567.2
40°	1833.7
42.5°	1209.2
45°	683.0
47.5°	349.5
50°	207.3
52.5°	134.2
55°	89.0
57.5°	57.1
60°	31.9
62.5°	13.3
65°	4.0
67.5°	1.3
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
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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(END OF REPORT)