

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: P774804

Luminaire Tested: LD6D95BD010-EU6DR7070959024-6LBSQW1B

Issue Date: 2/5/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P774804  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-73)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/5/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LD6D95BD010-EU6DR7070959024-6LBSQW1B  
Description: 6 INCH SQAURE DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 70° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 2400K CCT  
Ballast/Driver: -

**Summary**

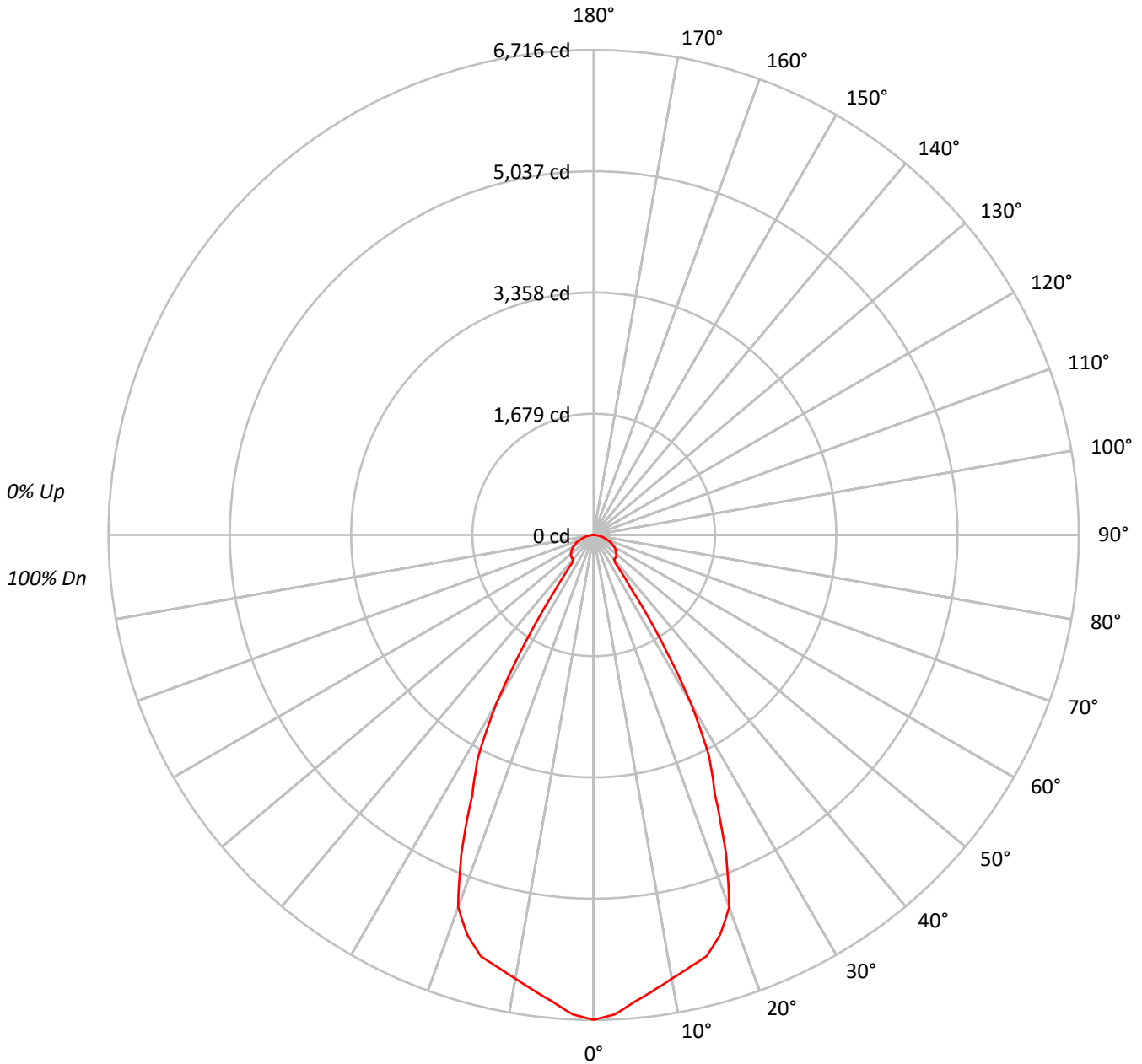
Lumens per Lamp: N/A  
Luminaire Lumens: 5973.5 lumens  
Efficiency: N/A  
Efficacy: 60.2 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.82  
Luminous Opening: Circular (Dia: 0.35' x H: 0')  
CIE Type: Direct

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		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91	
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83	
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76	
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70	
5	89	80	74	69	87	79	73	69	77	72	68	75	71	67	74	70	67	65	
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	66	62	61	
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57	
8	77	66	60	56	75	66	60	56	65	59	55	64	59	55	63	58	55	53	
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50	
10	70	59	53	49	69	59	53	49	58	53	49	57	52	49	57	52	49	48	

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

	0°
0°	733795
5°	711986
10°	692138
15°	683057
20°	637838
25°	479174
30°	338736
35°	119991
40°	63085
45°	67200
50°	69590
55°	70900
60°	71325
65°	69830
70°	65904
75°	61043
80°	54175
85°	44002

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 57.5°  
 Luminance: 71356 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	612.3	10.3
10°-20°	1679.5	28.1
20°-30°	1849.7	31.0
30°-40°	706.7	11.8
40°-50°	333.7	5.6
50°-60°	331.8	5.6
60°-70°	265.6	4.4
70°-80°	152.7	2.6
80°-90°	41.5	0.7
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°	4141.5	69.3
0°-40°	4848.3	81.2
0°-60°	5513.7	92.3
0°-90°	5973.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5973.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	6716	
5°	6492	612
15°	6039	1680
25°	3975	1850
35°	900	707
45°	435	334
55°	372	332
65°	270	266
75°	145	153
85°	35	41
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	6716.0
2.5°	6645.8
5°	6491.6
7.5°	6362.9
10°	6238.5
12.5°	6133.3
15°	6038.6
17.5°	5810.0
20°	5485.7
22.5°	4786.0
25°	3974.7
27.5°	3460.1
30°	2684.9
32.5°	1734.3
35°	899.6
37.5°	485.9
40°	442.3
42.5°	439.2
45°	434.9
47.5°	425.3
50°	409.4
52.5°	391.3
55°	372.2
57.5°	350.9
60°	326.4
62.5°	298.8
65°	270.1
67.5°	238.2
70°	206.3
72.5°	174.4
75°	144.6
77.5°	113.8
80°	86.1
82.5°	60.6
85°	35.1
87.5°	13.8
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)