

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: P770150

Luminaire Tested: LD6D65D010-EU6DR7055659030-6LBSQW1B

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P770150
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: LD6D65D010-EU6DR7055659030-6LBSQW1B
Description: 6 INCH SQAURE DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 70° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4937.4 lumens
Efficiency: N/A
Efficacy: 67.8 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

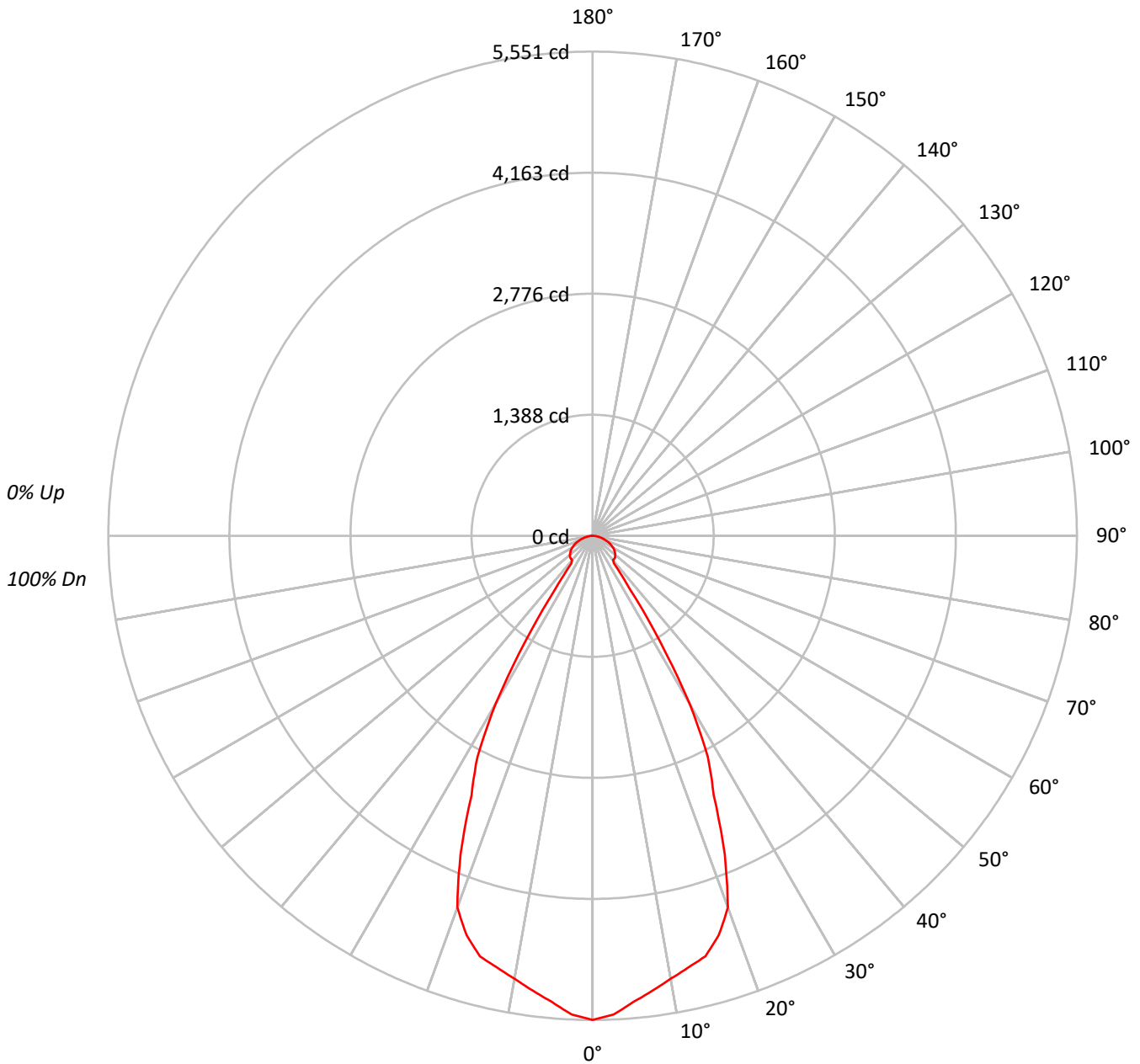
Input Watts (W): 72.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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	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°	606517
5°	588489
10°	572094
15°	564580
20°	527204
25°	396062
30°	279982
35°	99170
40°	52145
45°	55549
50°	57521
55°	58595
60°	58957
65°	57705
70°	54467
75°	50447
80°	44800
85°	36355

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 57.5°
 Luminance: 58972 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	506.1	10.3
10°-20°	1388.2	28.1
20°-30°	1528.9	31.0
30°-40°	584.2	11.8
40°-50°	275.8	5.6
50°-60°	274.2	5.6
60°-70°	219.5	4.4
70°-80°	126.2	2.6
80°-90°	34.3	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°	3423.2	69.3
0°-40°	4007.4	81.2
0°-60°	4557.4	92.3
0°-90°	4937.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4937.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5551	
5°	5366	506
15°	4991	1388
25°	3285	1529
35°	744	584
45°	360	276
55°	308	274
65°	223	220
75°	120	126
85°	29	34
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	5551.1
2.5°	5493.1
5°	5365.6
7.5°	5259.3
10°	5156.5
12.5°	5069.4
15°	4991.2
17.5°	4802.3
20°	4534.2
22.5°	3955.9
25°	3285.3
27.5°	2859.9
30°	2219.2
32.5°	1433.5
35°	743.5
37.5°	401.7
40°	365.6
42.5°	363.0
45°	359.5
47.5°	351.6
50°	338.4
52.5°	323.4
55°	307.6
57.5°	290.0
60°	269.8
62.5°	247.0
65°	223.2
67.5°	196.9
70°	170.5
72.5°	144.1
75°	119.5
77.5°	94.0
80°	71.2
82.5°	50.1
85°	29.0
87.5°	11.4
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)