

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: P769305

Luminaire Tested: LD6D60D010-EU6DR6555659035-6LBSQW1B

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P769305
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-59)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/5/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LD6D60D010-EU6DR6555659035-6LBSQW1B
Description: 6 INCH SQAURE DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 65° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4851.6 lumens
Efficiency: N/A
Efficacy: 75.3 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

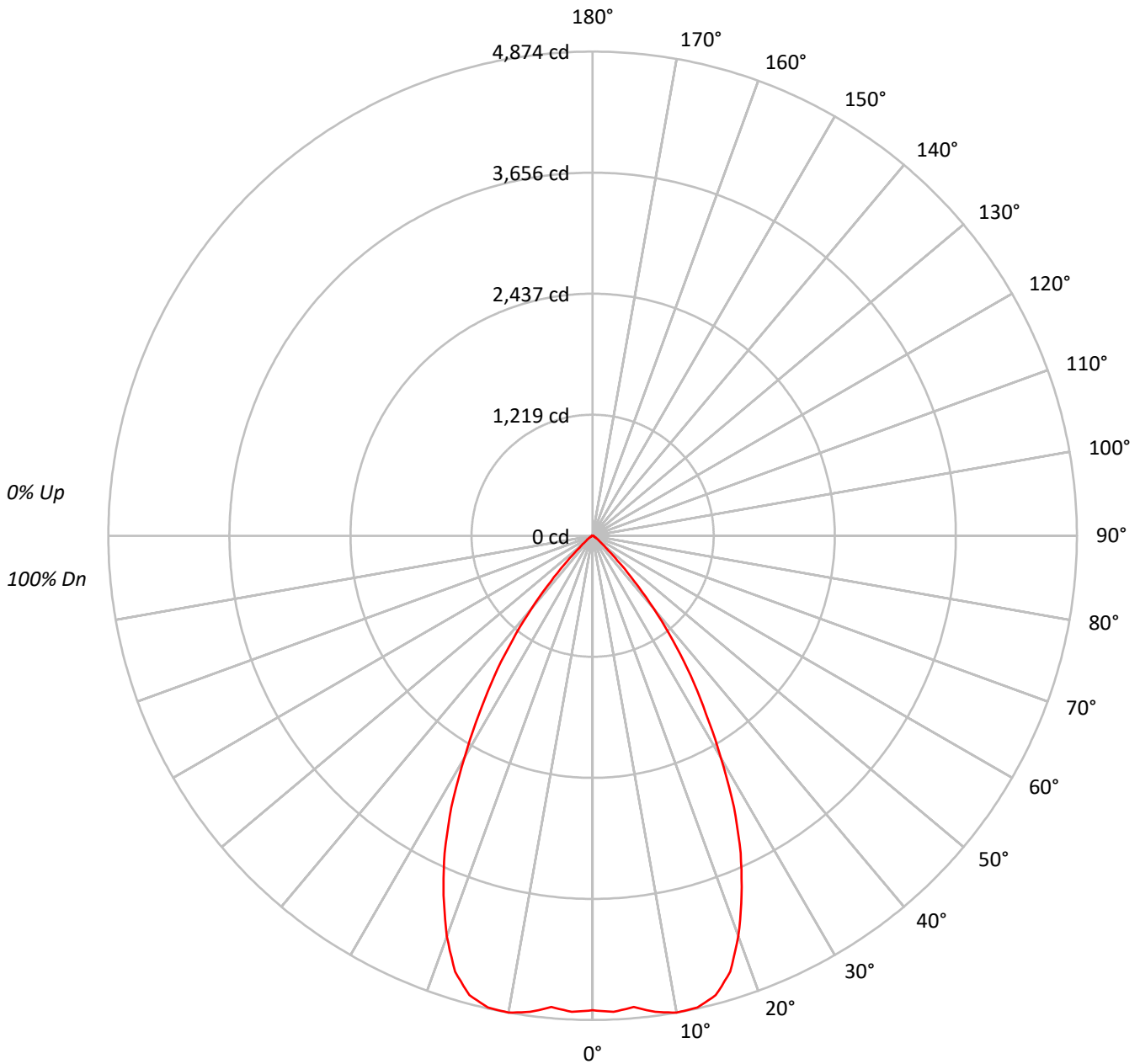
Input Watts (W): 64.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80
4	97	89	84	79	95	88	83	79	86	82	78	84	80	77	82	79	76	75
5	92	83	78	73	90	83	77	73	81	76	72	79	75	72	77	74	71	69
6	87	78	72	68	86	77	72	68	76	71	67	74	70	67	73	69	66	65
7	83	73	67	63	81	73	67	63	71	66	62	70	66	62	69	65	62	60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	57
9	75	65	59	55	74	65	59	55	64	58	55	63	58	55	62	58	54	53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	521906
5°	522331
10°	540719
15°	541618
20°	498648
25°	424875
30°	325262
35°	229792
40°	135641
45°	55070
50°	19956
55°	11125
60°	6381
65°	3516
70°	3674
75°	2871
80°	3020
85°	2507

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 55070 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	460.0	9.5
10°-20°	1326.7	27.3
20°-30°	1591.9	32.8
30°-40°	1069.8	22.1
40°-50°	320.2	6.6
50°-60°	56.5	1.2
60°-70°	16.1	0.3
70°-80°	7.9	0.2
80°-90°	2.5	0.1
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°	3378.6	69.6
0°-40°	4448.3	91.7
0°-60°	4825.1	99.5
0°-90°	4851.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4851.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4777	
5°	4762	460
15°	4788	1327
25°	3524	1592
35°	1723	1070
45°	356	320
55°	58	57
65°	14	16
75°	7	8
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	4776.7
2.5°	4797.0
5°	4762.4
7.5°	4834.4
10°	4873.7
12.5°	4864.2
15°	4788.2
17.5°	4602.2
20°	4288.6
22.5°	3919.4
25°	3524.3
27.5°	3078.3
30°	2578.1
32.5°	2124.6
35°	1722.8
37.5°	1325.7
40°	951.0
42.5°	621.1
45°	356.4
47.5°	188.7
50°	117.4
52.5°	81.5
55°	58.4
57.5°	42.1
60°	29.2
62.5°	19.0
65°	13.6
67.5°	12.2
70°	11.5
72.5°	8.8
75°	6.8
77.5°	6.1
80°	4.8
82.5°	3.4
85°	2.0
87.5°	1.4
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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