

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: P769254

Luminaire Tested: LD6D60D010-EU6DR6055659050-6LBSQW1MW

Issue Date: 2/5/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P769254  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-57)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/5/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LD6D60D010-EU6DR6055659050-6LBSQW1MW  
Description: 6 INCH SQAURE DEEP 45° CUTOFF MATTE WHITE TRIM, WITH 60° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6875.8 lumens  
Efficiency: N/A  
Efficacy: 106.8 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.83  
Luminous Opening: Circular (Dia: 0.35' x H: 0')  
CIE Type: Direct

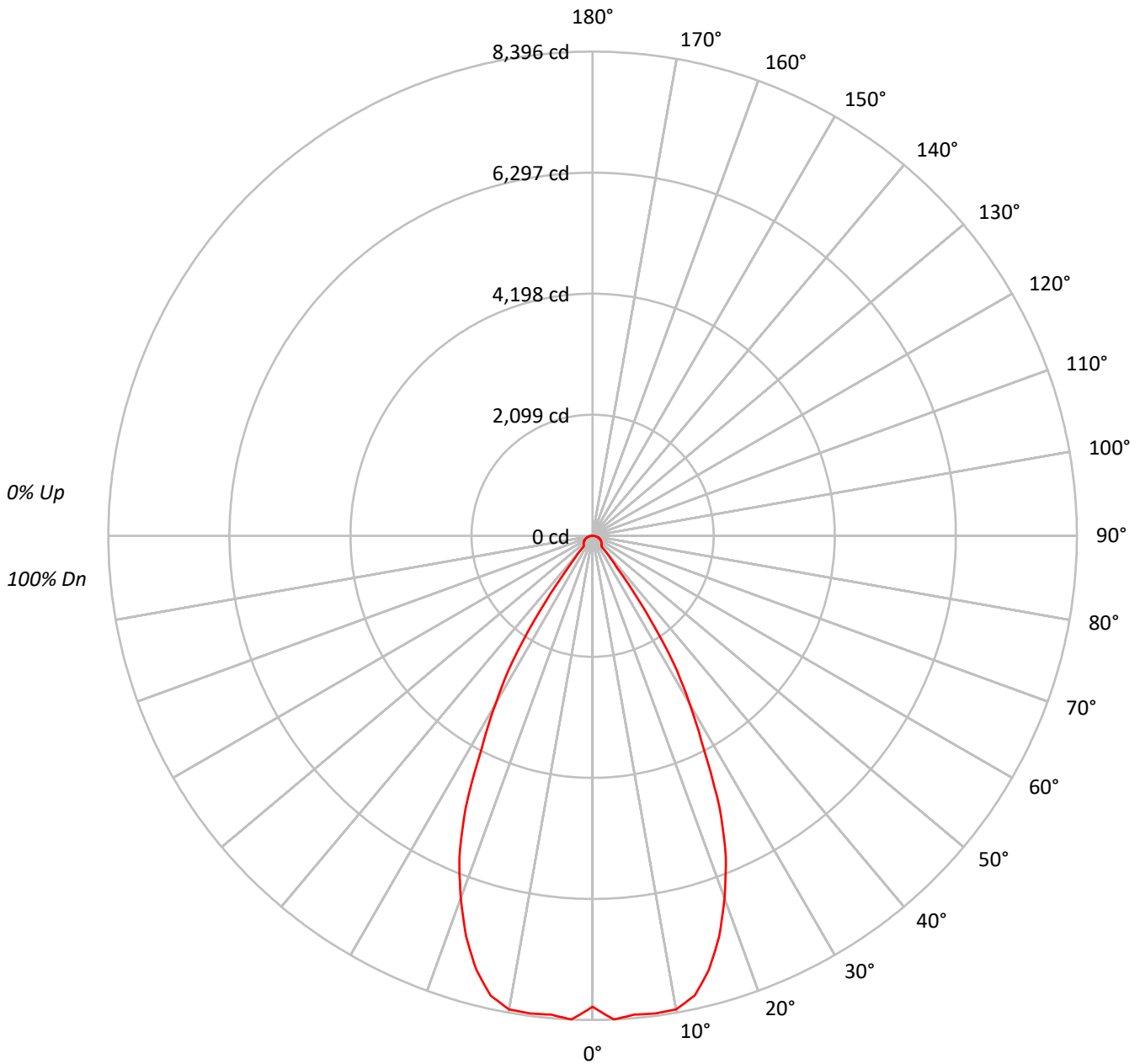
Input Watts (W): 64.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									20									20									20									
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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93																			
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86																			
3	102	96	90	86	100	94	89	86	91	88	84	89	86	83	87	84	82	80																			
4	97	89	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75																			
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70																			
6	88	79	73	69	87	78	73	69	77	72	68	75	71	68	74	70	67	66																			
7	84	75	69	65	83	74	68	64	73	68	64	72	67	64	71	67	63	62																			
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	59																			
9	77	67	61	57	75	67	61	57	66	61	57	65	60	57	64	60	57	55																			
10	73	64	58	54	72	63	58	54	62	58	54	62	57	54	61	57	54	53																			

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

	0°
0°	892223
5°	914156
10°	925203
15°	881381
20°	777110
25°	628542
30°	425158
35°	213052
40°	34559
45°	33824
50°	34506
55°	35031
60°	35990
65°	36815
70°	37696
75°	38120
80°	36746
85°	30588

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 75°  
 Luminance: 38120 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	796.6	11.6
10°-20°	2155.3	31.3
20°-30°	2318.9	33.7
30°-40°	1008.0	14.7
40°-50°	169.3	2.5
50°-60°	164.6	2.4
60°-70°	140.8	2.0
70°-80°	94.2	1.4
80°-90°	28.2	0.4
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°	5270.8	76.7
0°-40°	6278.8	91.3
0°-60°	6612.7	96.2
0°-90°	6875.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6875.8	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	8166	
5°	8335	797
15°	7792	2155
25°	5214	2319
35°	1597	1008
45°	219	169
55°	184	165
65°	142	141
75°	90	94
85°	24	28
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	8166.0
2.5°	8395.5
5°	8334.9
7.5°	8354.1
10°	8339.2
12.5°	8167.0
15°	7791.9
17.5°	7288.2
20°	6683.5
22.5°	6036.3
25°	5213.7
27.5°	4170.1
30°	3369.9
32.5°	2597.3
35°	1597.3
37.5°	683.3
40°	242.3
42.5°	223.2
45°	218.9
47.5°	211.5
50°	203.0
52.5°	193.4
55°	183.9
57.5°	174.3
60°	164.7
62.5°	154.1
65°	142.4
67.5°	130.7
70°	118.0
72.5°	104.1
75°	90.3
77.5°	74.4
80°	58.4
82.5°	41.4
85°	24.4
87.5°	8.5
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)