

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: P760680

Luminaire Tested: LD6D10D010-EU6DR600210IC9035-6LBSQW1MW

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P760680
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: LD6D10D010-EU6DR600210IC9035-6LBSQW1MW
Description: 6 INCH SQAURE DEEP 45° CUTOFF MATTE WHITE TRIM, WITH 60° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 989.1 lumens
Efficiency: N/A
Efficacy: 84.5 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): 11.7
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



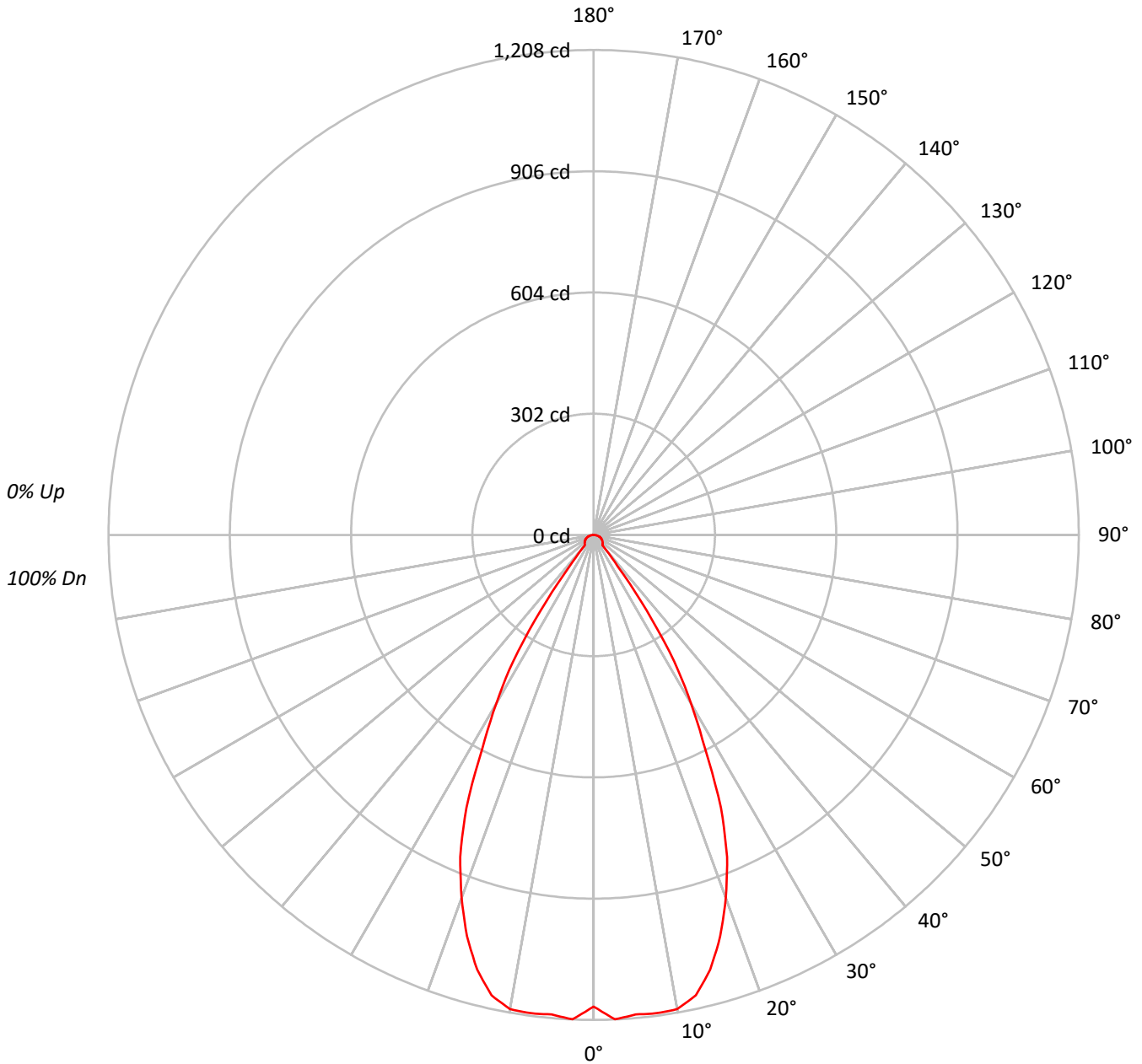
Downlight



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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°	128349
5°	131504
10°	133080
15°	126779
20°	111785
25°	90417
30°	61151
35°	30651
40°	4964
45°	4867
50°	4963
55°	5048
60°	5179
65°	5300
70°	5431
75°	5488
80°	5285
85°	4388

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 75°
 Luminance: 5488 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.6	11.6
10°-20°	310.0	31.3
20°-30°	333.6	33.7
30°-40°	145.0	14.7
40°-50°	24.3	2.5
50°-60°	23.7	2.4
60°-70°	20.3	2.0
70°-80°	13.6	1.4
80°-90°	4.1	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°	758.2	76.7
0°-40°	903.2	91.3
0°-60°	951.2	96.2
0°-90°	989.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	989.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1175	
5°	1199	115
15°	1121	310
25°	750	334
35°	230	145
45°	32	24
55°	26	24
65°	20	20
75°	13	14
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1174.7
2.5°	1207.7
5°	1199.0
7.5°	1201.7
10°	1199.5
12.5°	1174.8
15°	1120.8
17.5°	1048.4
20°	961.4
22.5°	868.3
25°	750.0
27.5°	599.9
30°	484.7
32.5°	373.6
35°	229.8
37.5°	98.3
40°	34.8
42.5°	32.1
45°	31.5
47.5°	30.4
50°	29.2
52.5°	27.8
55°	26.5
57.5°	25.1
60°	23.7
62.5°	22.2
65°	20.5
67.5°	18.8
70°	17.0
72.5°	15.0
75°	13.0
77.5°	10.7
80°	8.4
82.5°	6.0
85°	3.5
87.5°	1.2
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)