

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: P789863

Luminaire Tested: LER6D15D010-EC6DR600215IC9030-6LBDP1LI

Issue Date: 2/5/2024

Test Information

Test Method: LM-79-2019
Report Number: P789863
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: LER6D15D010-EC6DR600215IC9030-6LBDP1LI
Description: 6 INCH ROUND DEEP 45° CUTOFF SPECULAR CLEAR TRIM, WITH 60° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2566.6 lumens
Efficiency: N/A
Efficacy: 162.4 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): 15.8
Input Voltage (V): NR
Input Current (A_{in}): 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

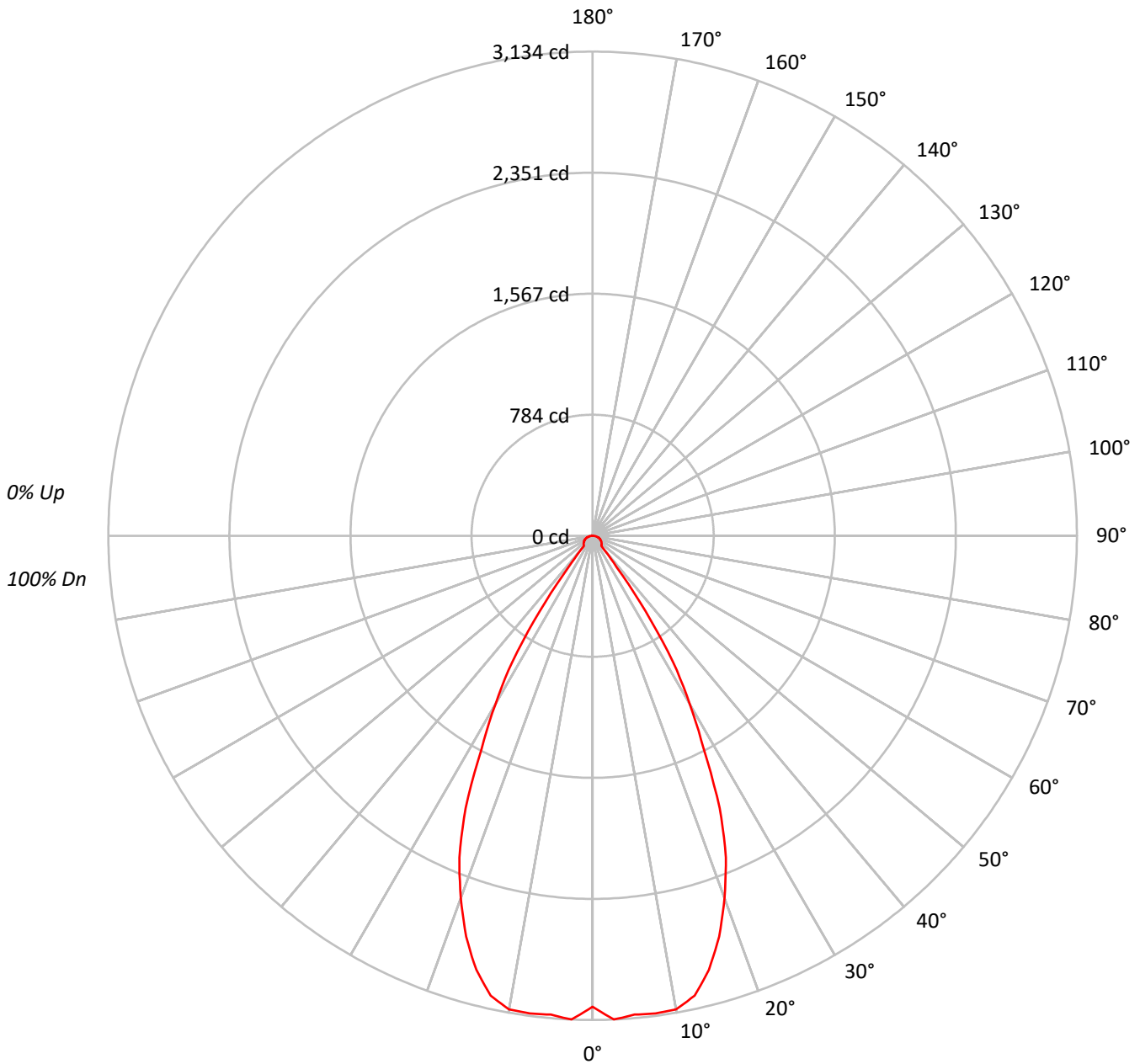


Downlight

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				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	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°	333049
5°	341242
10°	345365
15°	329006
20°	290078
25°	234626
30°	158701
35°	79523
40°	12894
45°	12624
50°	12884
55°	13068
60°	13439
65°	13754
70°	14056
75°	14226
80°	13717
85°	11408

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 75°
 Luminance: 14226 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	297.4	11.6
10°-20°	804.5	31.3
20°-30°	865.6	33.7
30°-40°	376.3	14.7
40°-50°	63.2	2.5
50°-60°	61.5	2.4
60°-70°	52.6	2.0
70°-80°	35.2	1.4
80°-90°	10.5	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°	1967.5	76.7
0°-40°	2343.7	91.3
0°-60°	2468.4	96.2
0°-90°	2566.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2566.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3048	
5°	3111	297
15°	2909	805
25°	1946	866
35°	596	376
45°	82	63
55°	69	61
65°	53	53
75°	34	35
85°	9	11
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3048.2
2.5°	3133.9
5°	3111.3
7.5°	3118.4
10°	3112.9
12.5°	3048.6
15°	2908.6
17.5°	2720.5
20°	2494.8
22.5°	2253.2
25°	1946.2
27.5°	1556.6
30°	1257.9
32.5°	969.5
35°	596.2
37.5°	255.1
40°	90.4
42.5°	83.3
45°	81.7
47.5°	78.9
50°	75.8
52.5°	72.2
55°	68.6
57.5°	65.1
60°	61.5
62.5°	57.5
65°	53.2
67.5°	48.8
70°	44.0
72.5°	38.9
75°	33.7
77.5°	27.8
80°	21.8
82.5°	15.5
85°	9.1
87.5°	3.2
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)