

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: P789636

Luminaire Tested: LER6D15D010-EC6DR350215IC9035-6LBDP1LI

Issue Date: 2/2/2024

Test Information

Test Method: LM-79-2019
Report Number: P789636
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-20)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/2/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LER6D15D010-EC6DR350215IC9035-6LBDP1LI
Description: 6 INCH ROUND DEEP 45° CUTOFF SPECULAR CLEAR TRIM, WITH 35° OPTIC
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2580.7 lumens
Efficiency: N/A
Efficacy: 163.3 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.54
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

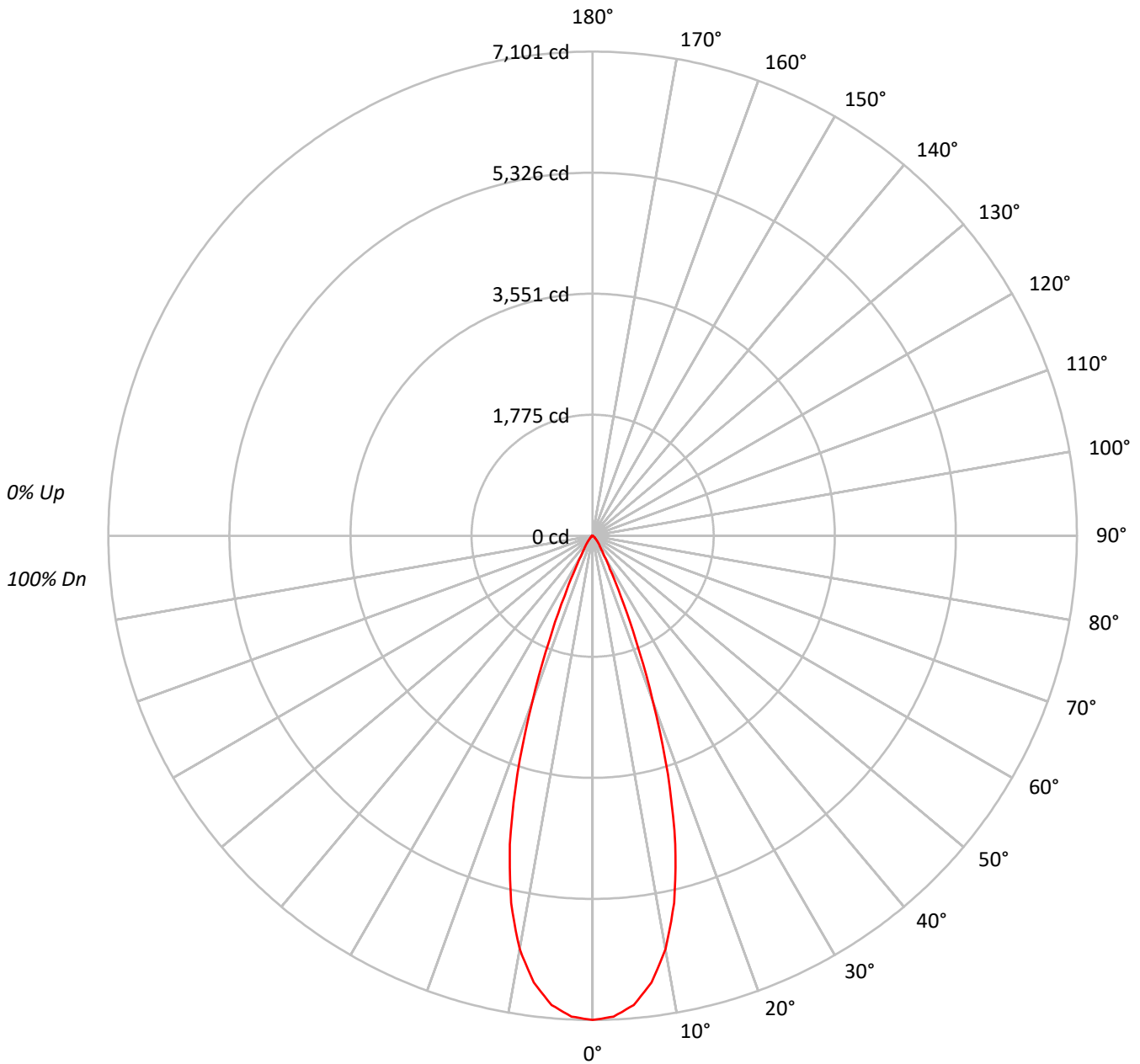


Downlight

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
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	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	98	96																			
2	110	106	103	101	108	105	102	99	102	99	97	99	97	95	96	95	93	92																			
3	106	101	97	94	105	100	96	93	97	95	92	95	93	91	93	91	89	88																			
4	103	97	92	89	101	96	92	89	94	90	88	92	89	87	90	88	86	84																			
5	99	93	88	85	98	92	87	84	90	86	84	89	85	83	87	84	82	81																			
6	96	89	84	81	94	88	84	81	87	83	80	85	82	80	84	81	79	78																			
7	93	85	81	78	91	85	80	77	84	80	77	83	79	77	82	79	76	75																			
8	90	82	78	74	88	82	77	74	81	77	74	80	76	74	79	76	73	72																			
9	87	79	75	72	86	79	75	72	78	74	71	77	74	71	77	73	71	70																			
10	84	77	72	69	83	76	72	69	76	72	69	75	71	69	74	71	69	68																			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	775850
5°	757613
10°	682808
15°	529967
20°	300589
25°	116939
30°	43627
35°	23916
40°	15632
45°	9518
50°	6051
55°	4286
60°	3125
65°	1706
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9518 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	635.3	24.6
10°-20°	1240.4	48.1
20°-30°	505.9	19.6
30°-40°	121.1	4.7
40°-50°	50.5	2.0
50°-60°	20.9	0.8
60°-70°	6.5	0.3
70°-80°	0.2	0.0
80°-90°	0.1	0.0
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°	2381.5	92.3
0°-40°	2502.6	97.0
0°-60°	2573.9	99.7
0°-90°	2580.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2580.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7101	
5°	6908	635
15°	4685	1240
25°	970	506
35°	179	121
45°	62	50
55°	22	21
65°	7	7
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	7100.9
2.5°	7058.3
5°	6907.6
7.5°	6607.1
10°	6154.4
12.5°	5517.0
15°	4685.2
17.5°	3668.0
20°	2585.2
22.5°	1648.5
25°	970.0
27.5°	548.3
30°	345.8
32.5°	242.8
35°	179.3
37.5°	138.6
40°	109.6
42.5°	84.4
45°	61.6
47.5°	46.1
50°	35.6
52.5°	28.3
55°	22.5
57.5°	18.2
60°	14.3
62.5°	10.5
65°	6.6
67.5°	2.3
70°	0.4
72.5°	0.4
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.4
85°	0.0
87.5°	0.0
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)