

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: P789673

Luminaire Tested: LER6D15D010-EC6DR400215IC9030-6LBDP1B

Issue Date: 2/2/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P789673  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2307-078-28)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/2/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LER6D15D010-EC6DR400215IC9030-6LBDP1B  
Description: 6 INCH ROUND DEEP 45° CUTOFF SPECULAR BLACK TRIM, WITH 40° OPTIC  
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2267.8 lumens  
Efficiency: N/A  
Efficacy: 143.5 lumens/watt  
Spacing Criteria (0/90/45): 0.68 / 0.68 / 0.6  
Luminous Opening: Circular (Dia: 0.35' x H: 0')  
CIE Type: Direct

Input Watts (W): 15.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

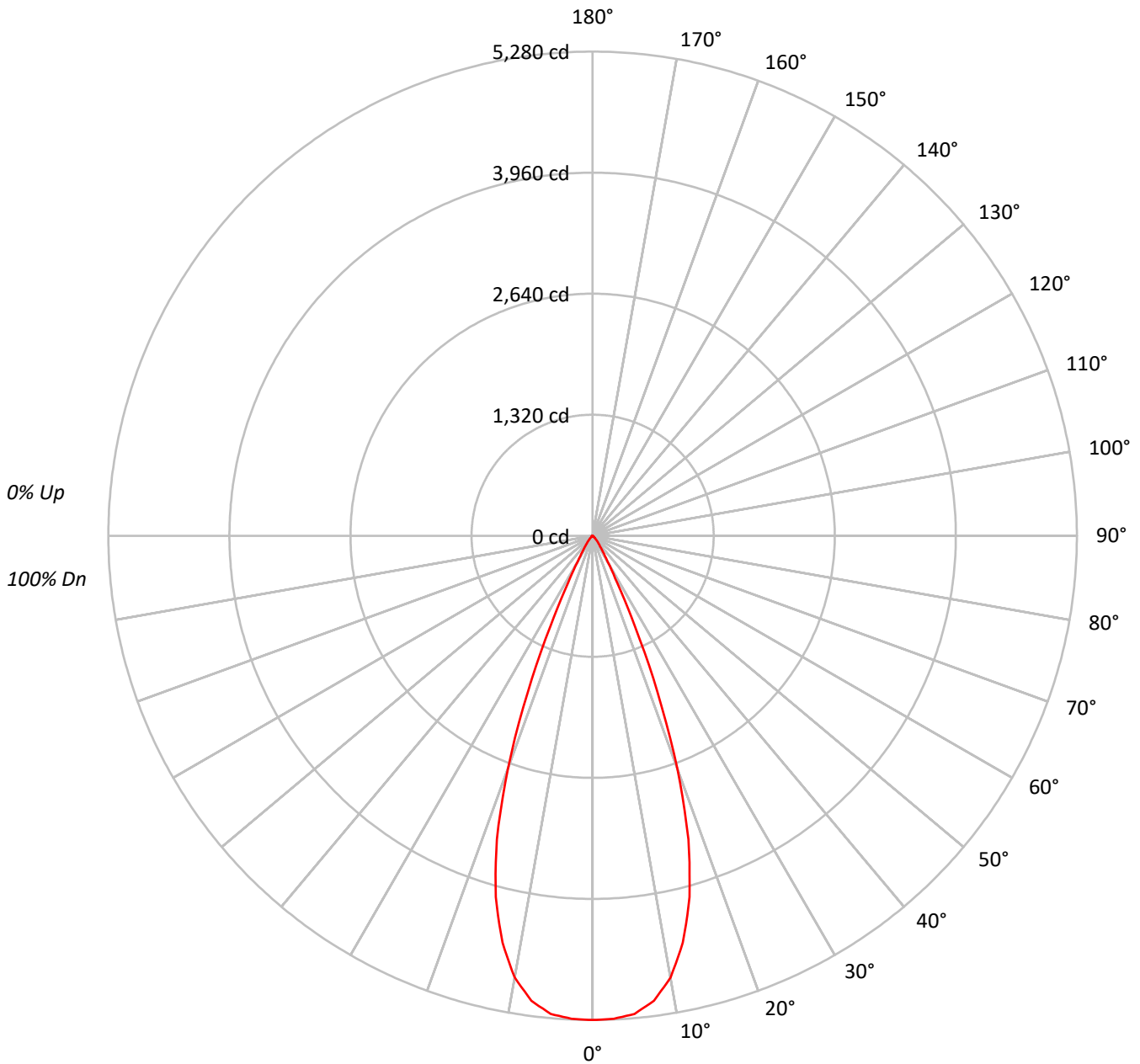


Downlight

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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			100	
1	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	97	96			96	
2	110	106	103	100	108	105	102	99	102	99	97	99	97	95	96	95	93	92			92	
3	106	101	97	94	104	100	96	93	97	94	92	95	93	90	93	91	89	88			88	
4	102	97	92	89	101	95	91	88	93	90	87	92	89	86	90	87	85	84			84	
5	99	92	88	84	97	91	87	84	90	86	83	88	85	83	87	84	82	81			81	
6	95	88	84	80	94	88	83	80	86	82	80	85	82	79	84	81	79	77			77	
7	92	85	80	77	91	84	80	77	83	79	76	82	79	76	81	78	76	74			74	
8	89	82	77	74	88	81	77	74	80	76	73	79	76	73	78	75	73	72			72	
9	86	79	74	71	85	78	74	71	77	73	71	76	73	70	76	72	70	69			69	
10	83	76	71	68	82	75	71	68	75	71	68	74	70	68	73	70	68	67			67	

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

	0°
0°	576886
5°	574088
10°	542638
15°	461306
20°	314413
25°	131189
30°	41255
35°	19167
40°	10597
45°	4867
50°	2363
55°	1295
60°	677
65°	233
70°	96
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4867 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	488.8	21.6
10°-20°	1094.9	48.3
20°-30°	548.1	24.2
30°-40°	100.5	4.4
40°-50°	27.7	1.2
50°-60°	6.5	0.3
60°-70°	1.2	0.1
70°-80°	0.0	0.0
80°-90°	0.0	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°	2131.8	94.0
0°-40°	2232.2	98.4
0°-60°	2266.5	99.9
0°-90°	2267.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2267.8	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	5280	
5°	5234	489
15°	4078	1095
25°	1088	548
35°	144	100
45°	32	28
55°	7	7
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	5279.9
2.5°	5272.2
5°	5234.3
7.5°	5113.4
10°	4891.0
12.5°	4544.3
15°	4078.2
17.5°	3472.1
20°	2704.1
22.5°	1843.6
25°	1088.2
27.5°	575.2
30°	327.0
32.5°	211.3
35°	143.7
37.5°	102.7
40°	74.3
42.5°	50.9
45°	31.5
47.5°	20.0
50°	13.9
52.5°	9.9
55°	6.8
57.5°	4.3
60°	3.1
62.5°	1.9
65°	0.9
67.5°	0.6
70°	0.3
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
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)