

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: IRiS

Report Number: P1262985

Luminaire Tested: P3A17R259727DE010 E3CB1MW

Issue Date: 1/30/2026

**Test Information**

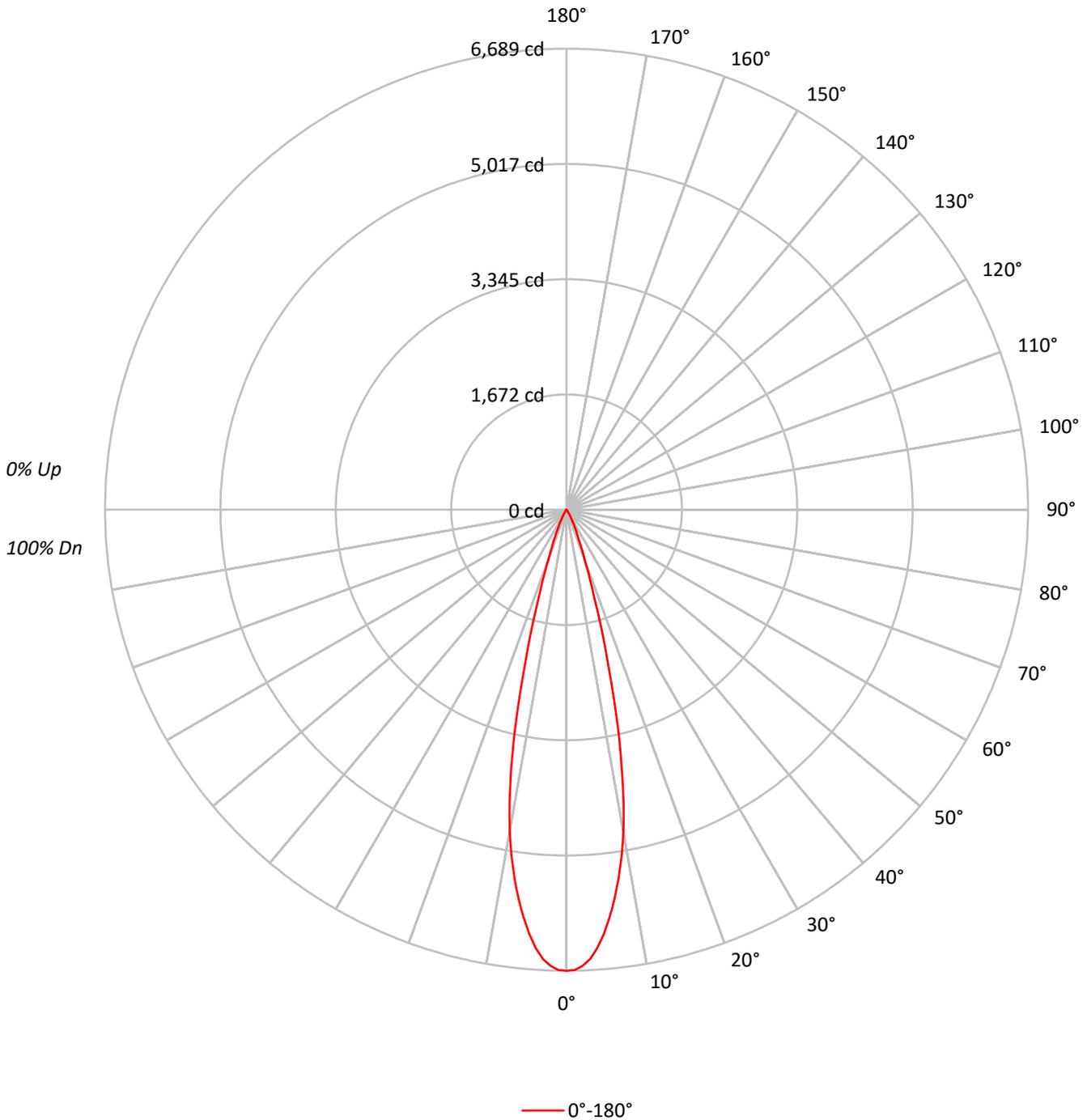
Test Method: LM-79-2019  
Report Number: P1262985  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R259727DE010 E3CB1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3CB1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1372.1 lumens  
Efficiency: N/A  
Efficacy: 64.7 lumens/watt  
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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				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	99	99	100
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	85	85	85
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	83	83	83
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	81	81	81
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	79	79	79
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	77	77	77

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

	0°
0°	1466856
5°	1360485
10°	1055068
15°	529038
20°	173802
25°	69101
30°	25928
35°	7495
40°	3406
45°	1333
50°	1092
55°	841
60°	965
65°	1141
70°	705
75°	932
80°	1389
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 1389 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	543.6	39.6
10°-20°	648.6	47.3
20°-30°	146.2	10.7
30°-40°	23.7	1.7
40°-50°	4.3	0.3
50°-60°	2.3	0.2
60°-70°	2.0	0.1
70°-80°	1.2	0.1
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°	1338.4	97.5
0°-40°	1362.1	99.3
0°-60°	1368.7	99.8
0°-90°	1372.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1372.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	6689	
5°	6181	544
15°	2330	649
25°	286	146
35°	28	24
45°	4	4
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	6689.4
1°	6678.7
2°	6624.8
3°	6525.6
4°	6375.8
5°	6180.7
6°	5947.9
7°	5695.6
8°	5406.7
9°	5090.9
10°	4738.4
11°	4332.1
12°	3864.3
13°	3374.9
14°	2850.0
15°	2330.4
17.5°	1328.0
20°	744.8
22.5°	449.5
25°	285.6
27.5°	175.7
30°	102.4
32.5°	53.9
35°	28.0
37.5°	18.3
40°	11.9
42.5°	7.5
45°	4.3
47.5°	3.2
50°	3.2
52.5°	3.2
55°	2.2
57.5°	2.2
60°	2.2
62.5°	2.2
65°	2.2
67.5°	2.2
70°	1.1
72.5°	1.1
75°	1.1
77.5°	1.1
80°	1.1
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)