

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: P1270826

Luminaire Tested: P3AS02R159827DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

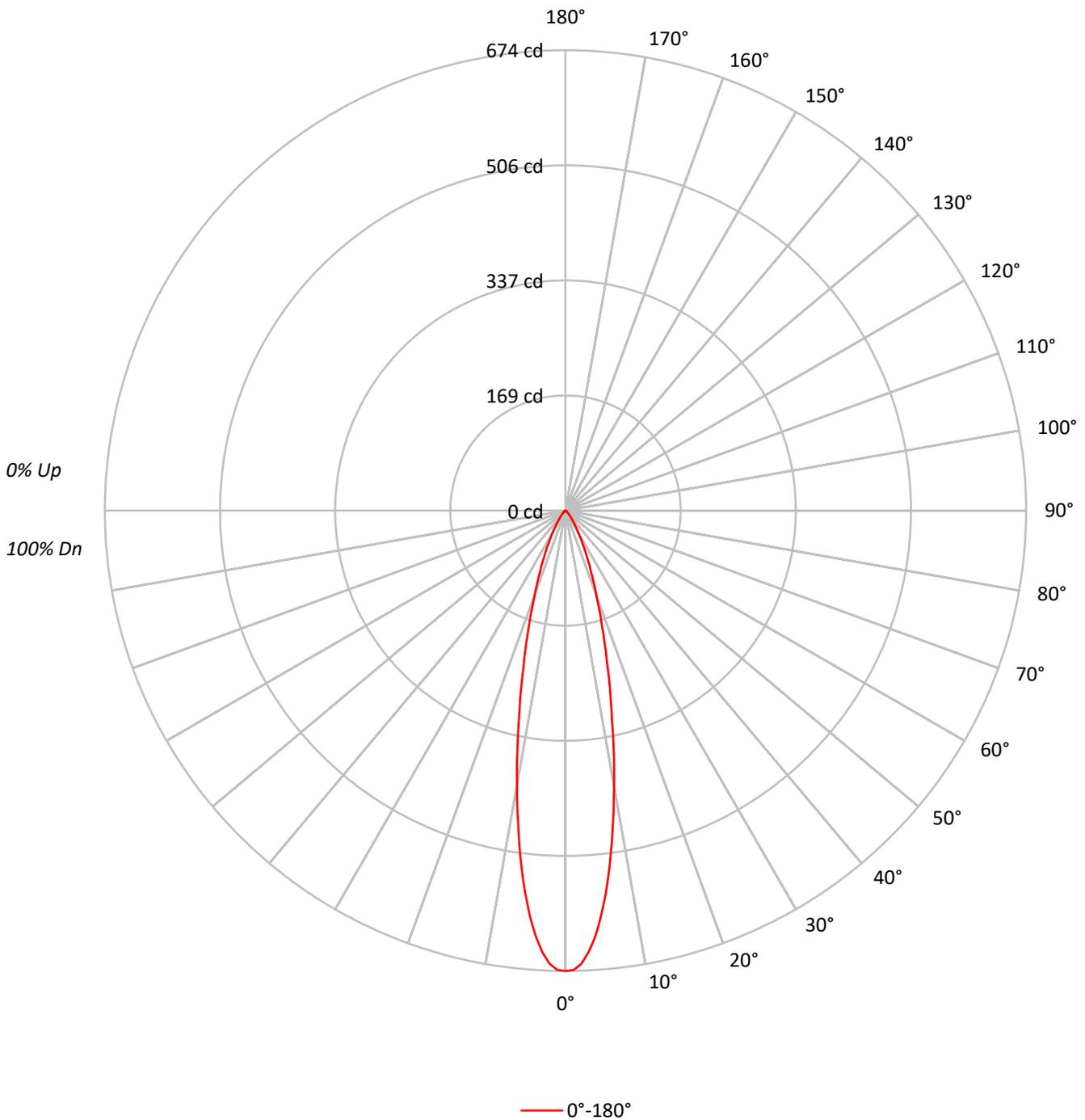
Test Method: LM-79-2019  
Report Number: P1270826  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R159827DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 173.0 lumens  
Efficiency: N/A  
Efficacy: 48.1 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	91	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	87	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	83	83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	80	80	80	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	77	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	74	74
8	89	81	77	74	88	81	77	73	80	76	73	79	76	73	78	75	73	72	72	72	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	69	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	67	67

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

	0°
0°	147795
5°	131191
10°	91092
15°	53871
20°	30686
25°	17541
30°	9698
35°	5166
40°	2863
45°	1551
50°	955
55°	765
60°	658
65°	623
70°	513
75°	593
80°	379
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1551 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	50.7	29.3
10°-20°	66.9	38.7
20°-30°	34.4	19.9
30°-40°	12.9	7.5
40°-50°	4.2	2.5
50°-60°	1.8	1.1
60°-70°	1.1	0.7
70°-80°	0.7	0.4
80°-90°	0.2	0.1
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°	152.0	87.9
0°-40°	164.9	95.3
0°-60°	171.0	98.8
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	674	
5°	596	51
15°	237	67
25°	72	34
35°	19	13
45°	5	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	674.0
1°	672.6
2°	663.8
3°	647.0
4°	624.8
5°	596.0
6°	563.3
7°	527.5
8°	487.6
9°	448.3
10°	409.1
12.5°	314.8
15°	237.3
17.5°	177.7
20°	131.5
22.5°	98.2
25°	72.5
27.5°	52.8
30°	38.3
32.5°	27.2
35°	19.3
37.5°	13.8
40°	10.0
42.5°	7.2
45°	5.0
47.5°	3.7
50°	2.8
52.5°	2.3
55°	2.0
57.5°	1.7
60°	1.5
62.5°	1.3
65°	1.2
67.5°	1.0
70°	0.8
72.5°	0.8
75°	0.7
77.5°	0.5
80°	0.3
82.5°	0.3
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)