

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: P1253530

Luminaire Tested: P3AS02R409035DE010 E3CD1MMS

Issue Date: 1/30/2026

**Test Information**

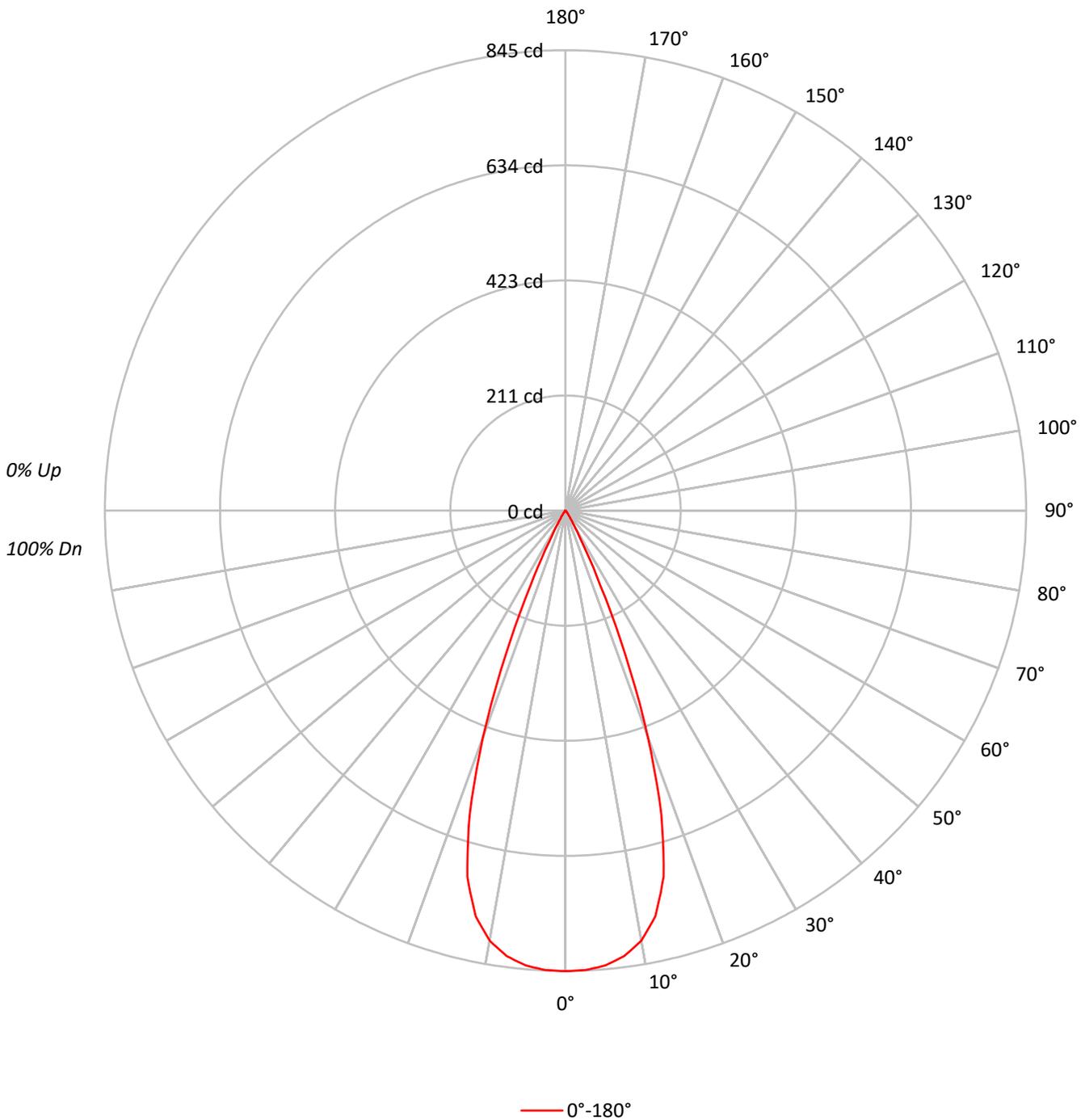
Test Method: LM-79-2019  
Report Number: P1253530  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R409035DE010 E3CD1MMS  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3CD1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 352.2 lumens  
Efficiency: N/A  
Efficacy: 97.8 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.59  
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				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	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96	96	96	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92	92	92	92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	94	92	90	89	89	89	89
4	103	97	93	90	101	96	92	89	94	91	88	92	90	87	91	88	86	85	85	85	85
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	82	82	82	82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	79	79	79	79
7	93	86	82	79	92	86	81	78	84	81	78	83	80	78	82	79	77	76	76	76	76
8	90	83	79	75	89	83	78	75	82	78	75	81	77	75	80	77	74	73	73	73	73
9	87	80	76	73	86	80	75	73	79	75	72	78	75	72	77	74	72	71	71	71	71
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	69	69	69	69

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

	0°
0°	185336
5°	184437
10°	178442
15°	157867
20°	103002
25°	36486
30°	7748
35°	2543
40°	945
45°	310
50°	273
55°	306
60°	219
65°	259
70°	192
75°	254
80°	379
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 504 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	78.8	22.4
10°-20°	183.6	52.1
20°-30°	79.7	22.6
30°-40°	7.3	2.1
40°-50°	1.1	0.3
50°-60°	0.7	0.2
60°-70°	0.5	0.1
70°-80°	0.3	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°	342.1	97.2
0°-40°	349.5	99.2
0°-60°	351.2	99.7
0°-90°	352.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	352.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	845	
5°	838	79
15°	695	184
25°	151	80
35°	10	7
45°	1	1
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	845.2
2.5°	844.2
5°	837.9
7.5°	824.7
10°	801.4
12.5°	762.0
15°	695.4
17.5°	584.9
20°	441.4
22.5°	286.6
25°	150.8
27.5°	64.9
30°	30.6
32.5°	16.5
35°	9.5
37.5°	5.8
40°	3.3
42.5°	1.8
45°	1.0
47.5°	0.8
50°	0.8
52.5°	0.8
55°	0.8
57.5°	0.8
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.5
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)