

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: P1253498

Luminaire Tested: P3AS02R359035DE010 E3CB1MB

Issue Date: 1/30/2026

**Test Information**

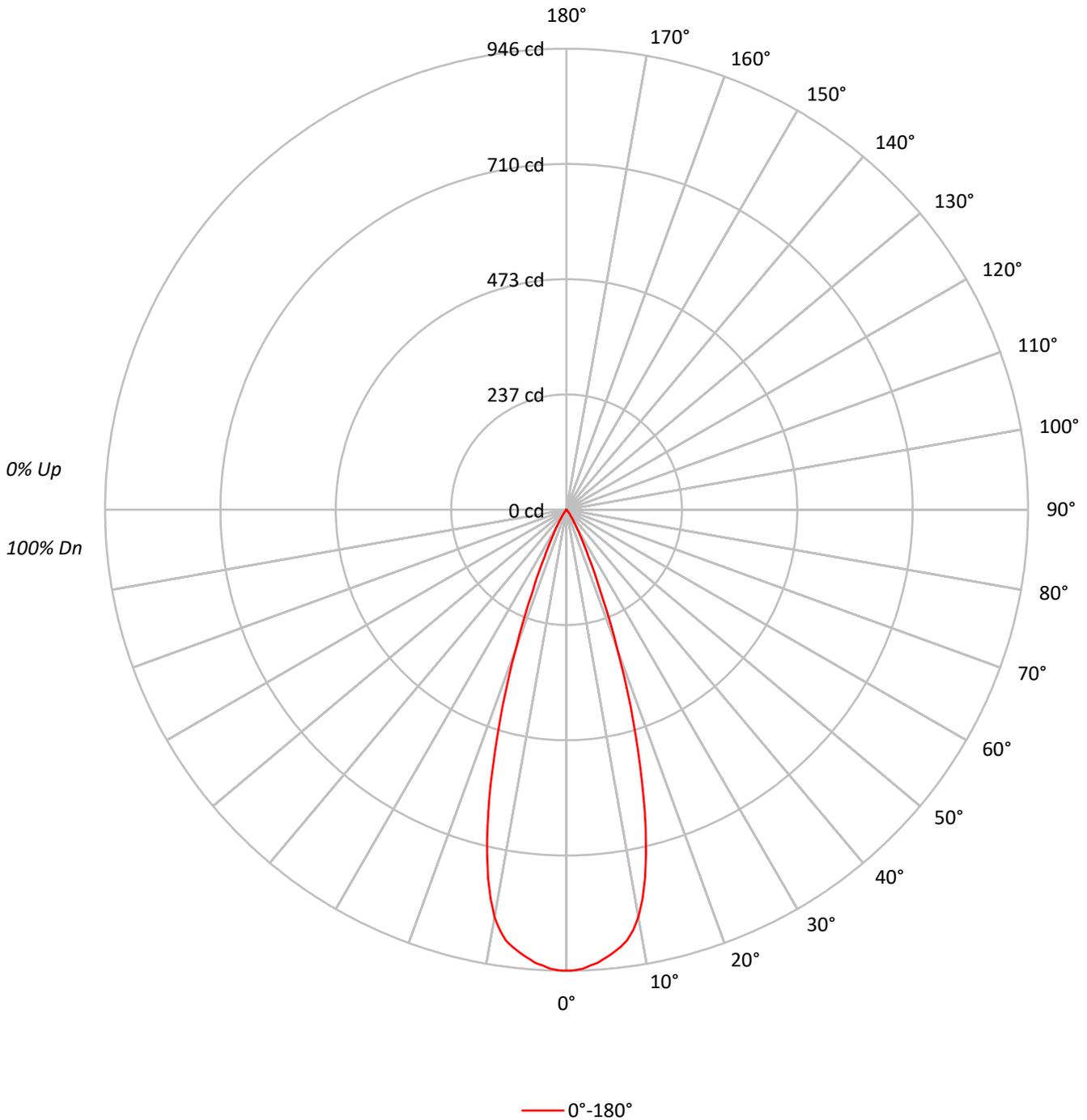
Test Method: LM-79-2019  
Report Number: P1253498  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R359035DE010 E3CB1MB  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3CB1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 318.1 lumens  
Efficiency: N/A  
Efficacy: 88.4 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52  
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		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98		96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94		93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90		89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87		86
5	100	94	90	87	99	93	89	86	92	88	85	90	87	85	89	86	84		83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81		80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79		77
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76		75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74		73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71		70

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

	0°
0°	207352
5°	203125
10°	188974
15°	138548
20°	70940
25°	25574
30°	9951
35°	3480
40°	1431
45°	403
50°	341
55°	382
60°	351
65°	259
70°	321
75°	424
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°	86.0	27.0
10°-20°	161.4	50.7
20°-30°	57.1	18.0
30°-40°	10.0	3.1
40°-50°	1.5	0.5
50°-60°	0.8	0.3
60°-70°	0.6	0.2
70°-80°	0.4	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°	304.6	95.8
0°-40°	314.6	98.9
0°-60°	316.9	99.6
0°-90°	318.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	318.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	946	
5°	923	86
15°	610	161
25°	106	57
35°	13	10
45°	1	1
55°	1	1
65°	0	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	945.6
1°	945.4
2°	942.4
3°	936.6
4°	931.3
5°	922.8
6°	914.1
7°	904.3
8°	892.3
9°	873.5
10°	848.7
11°	814.4
12°	773.1
13°	724.0
14°	669.9
15°	610.3
17.5°	454.5
20°	304.0
22.5°	183.3
25°	105.7
27.5°	63.1
30°	39.3
32.5°	22.8
35°	13.0
37.5°	8.3
40°	5.0
42.5°	2.5
45°	1.3
47.5°	1.0
50°	1.0
52.5°	1.0
55°	1.0
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)