

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: P1275216

Luminaire Tested: P3AS02R609835DE010 E3CB1MW

Issue Date: 1/30/2026

**Test Information**

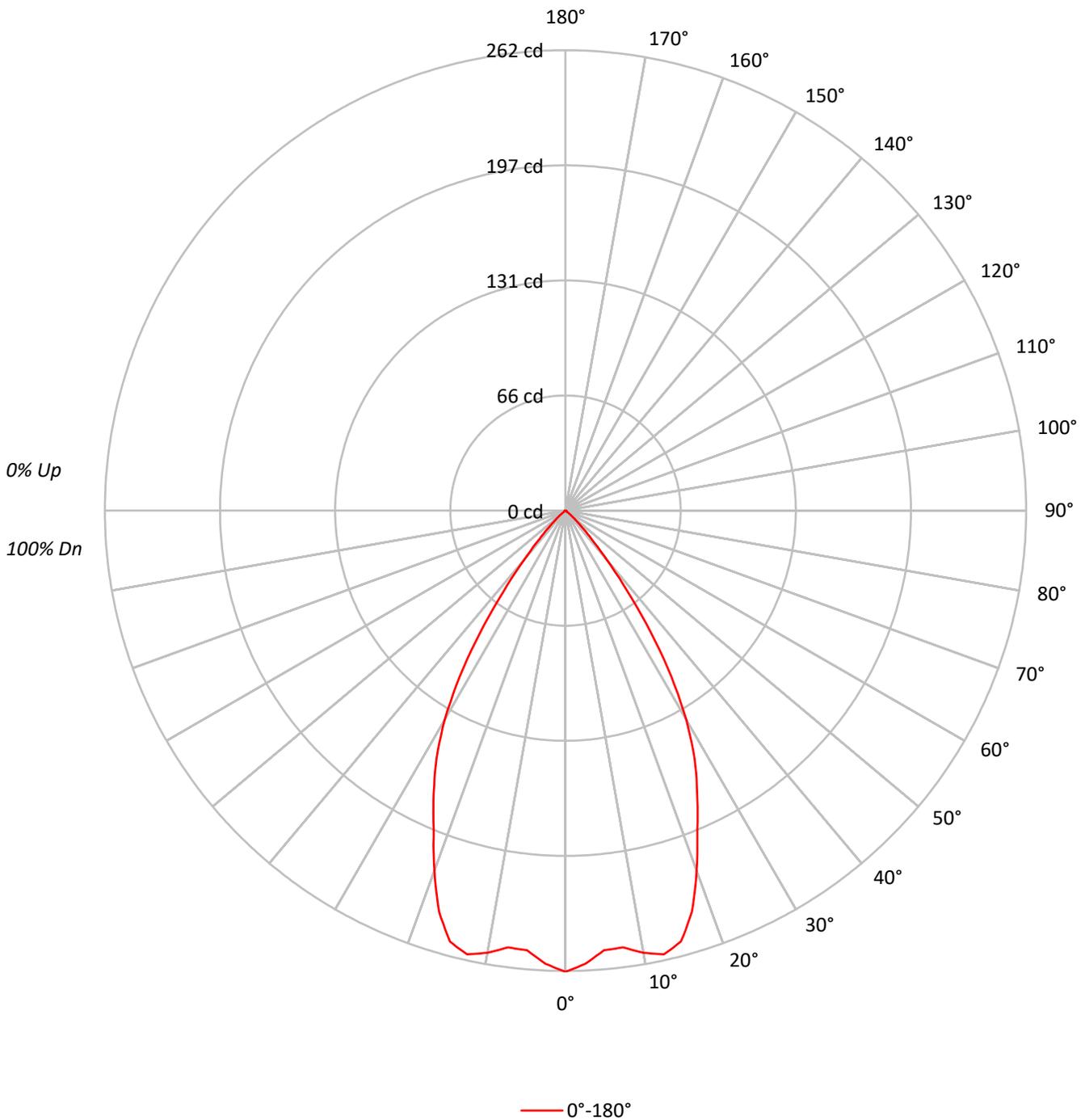
Test Method: LM-79-2019  
Report Number: P1275216  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R609835DE010 E3CB1MW  
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3CB1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 241.0 lumens  
Efficiency: N/A  
Efficacy: 67.0 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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

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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	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81	81	81	81
4	98	90	85	80	96	89	84	80	87	82	79	85	81	78	83	80	77	76	76	76	76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71	71	71	71
6	88	79	73	69	87	78	73	69	77	72	68	76	71	68	74	70	68	66	66	66	66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62	62	62	62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	62	59	58	58	58	58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55	55	55	55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51	51	51	51

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

	0°
0°	57539
5°	55272
10°	56891
15°	57639
20°	50894
25°	42898
30°	34790
35°	22647
40°	10391
45°	4000
50°	1330
55°	344
60°	307
65°	311
70°	256
75°	339
80°	253
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4000 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.2	10.0
10°-20°	69.5	28.8
20°-30°	81.1	33.6
30°-40°	52.3	21.7
40°-50°	11.7	4.9
50°-60°	1.1	0.5
60°-70°	0.6	0.2
70°-80°	0.3	0.1
80°-90°	0.1	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°	174.8	72.5
0°-40°	227.1	94.2
0°-60°	240.0	99.6
0°-90°	241.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	241.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	262	
5°	251	24
15°	254	70
25°	177	81
35°	85	52
45°	13	12
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	262.4
2.5°	258.2
5°	251.1
7.5°	250.7
10°	255.5
12.5°	258.7
15°	253.9
17.5°	239.3
20°	218.1
22.5°	195.9
25°	177.3
27.5°	159.0
30°	137.4
32.5°	112.0
35°	84.6
37.5°	57.8
40°	36.3
42.5°	21.8
45°	12.9
47.5°	7.5
50°	3.9
52.5°	1.3
55°	0.9
57.5°	0.7
60°	0.7
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.2
80°	0.2
82.5°	0.2
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)