

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: P1256377

Luminaire Tested: P3AS02R659040DE010 E3CD1MB

Issue Date: 1/30/2026

**Test Information**

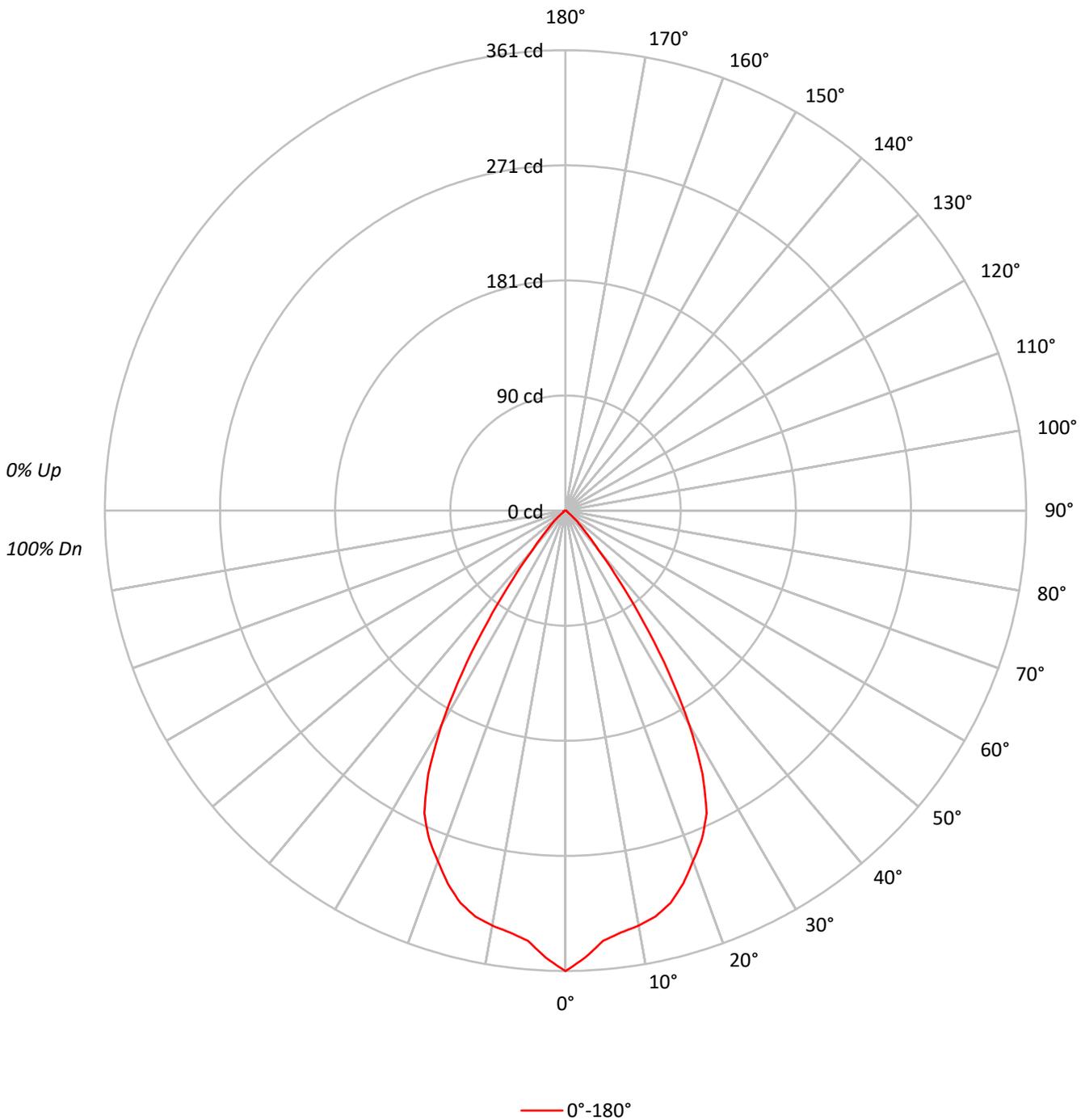
Test Method: LM-79-2019  
Report Number: P1256377  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R659040DE010 E3CD1MB  
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 324.0 lumens  
Efficiency: N/A  
Efficacy: 90.0 lumens/watt  
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9  
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	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	93	93	93	93
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87	87	87	87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	87	85	83	81	81	81	81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75	75	75	75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70	70	70	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58	58	58	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51	51	51	51

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

	0°
0°	79182
5°	74510
10°	73568
15°	72282
20°	68233
25°	63342
30°	49223
35°	28482
40°	11479
45°	5272
50°	2047
55°	803
60°	702
65°	675
70°	641
75°	678
80°	631
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5272 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.2	9.9
10°-20°	88.9	27.4
20°-30°	116.4	35.9
30°-40°	67.4	20.8
40°-50°	14.4	4.5
50°-60°	2.3	0.7
60°-70°	1.3	0.4
70°-80°	0.8	0.2
80°-90°	0.3	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°	237.5	73.3
0°-40°	304.9	94.1
0°-60°	321.7	99.3
0°-90°	324.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	324.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	361	
5°	338	32
15°	318	89
25°	262	116
35°	106	67
45°	17	14
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	361.1
2.5°	350.9
5°	338.5
7.5°	333.6
10°	330.4
12.5°	326.0
15°	318.4
17.5°	306.6
20°	292.4
22.5°	279.1
25°	261.8
27.5°	232.7
30°	194.4
32.5°	150.7
35°	106.4
37.5°	67.3
40°	40.1
42.5°	25.2
45°	17.0
47.5°	11.0
50°	6.0
52.5°	2.9
55°	2.1
57.5°	1.8
60°	1.6
62.5°	1.6
65°	1.3
67.5°	1.0
70°	1.0
72.5°	0.8
75°	0.8
77.5°	0.5
80°	0.5
82.5°	0.3
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)