

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: P1266589

Luminaire Tested: P3AS05R209735DE010 E3D1MW

Issue Date: 1/30/2026

**Test Information**

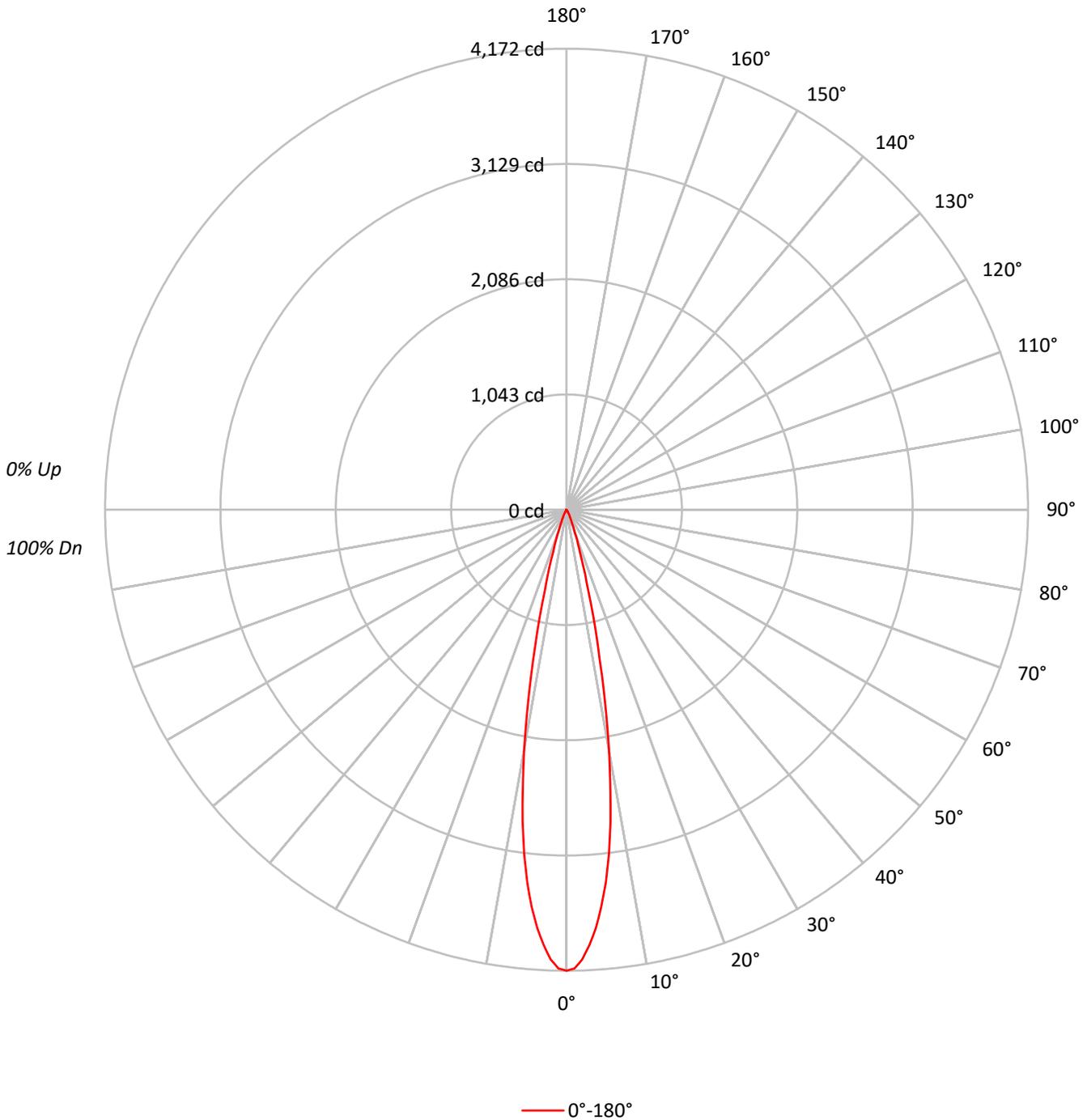
Test Method: LM-79-2019  
Report Number: P1266589  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R209735DE010 E3D1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3D1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 589.0 lumens  
Efficiency: N/A  
Efficacy: 81.8 lumens/watt  
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	98	98	98
2	112	109	106	104	110	108	105	103	104	103	101	102	100	99	99	98	97	97	97	95
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	95	95	93
4	107	102	99	96	105	101	98	96	99	97	94	97	95	93	96	94	92	92	92	91
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	91	91	90
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	89	89	88
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	87	87	86
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	85	85	85
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	84	84	83
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	86	84	82	82	82	82

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

	0°
0°	914773
5°	794011
10°	490617
15°	170398
20°	52341
25°	18509
30°	6836
35°	2757
40°	1460
45°	589
50°	307
55°	344
60°	395
65°	259
70°	321
75°	424
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 589 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	299.4	50.8
10°-20°	237.5	40.3
20°-30°	41.1	7.0
30°-40°	7.5	1.3
40°-50°	1.7	0.3
50°-60°	0.8	0.1
60°-70°	0.5	0.1
70°-80°	0.5	0.1
80°-90°	0.0	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°	578.0	98.1
0°-40°	585.5	99.4
0°-60°	588.0	99.8
0°-90°	589.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	589.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4172	
5°	3607	299
15°	751	238
25°	76	41
35°	10	7
45°	2	2
55°	1	1
65°	0	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	4171.7
1°	4151.7
2°	4072.4
3°	3945.2
4°	3796.0
5°	3607.2
6°	3390.8
7°	3139.1
8°	2852.3
9°	2530.2
10°	2203.4
12.5°	1389.8
15°	750.6
17.5°	401.0
20°	224.3
22.5°	128.2
25°	76.5
27.5°	46.6
30°	27.0
32.5°	15.9
35°	10.3
37.5°	7.0
40°	5.1
42.5°	3.3
45°	1.9
47.5°	0.9
50°	0.9
52.5°	0.9
55°	0.9
57.5°	0.9
60°	0.9
62.5°	0.5
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.5
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)