

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: P1260341

Luminaire Tested: P3AS17R309050DE010 E3CD1MW

Issue Date: 1/30/2026

**Test Information**

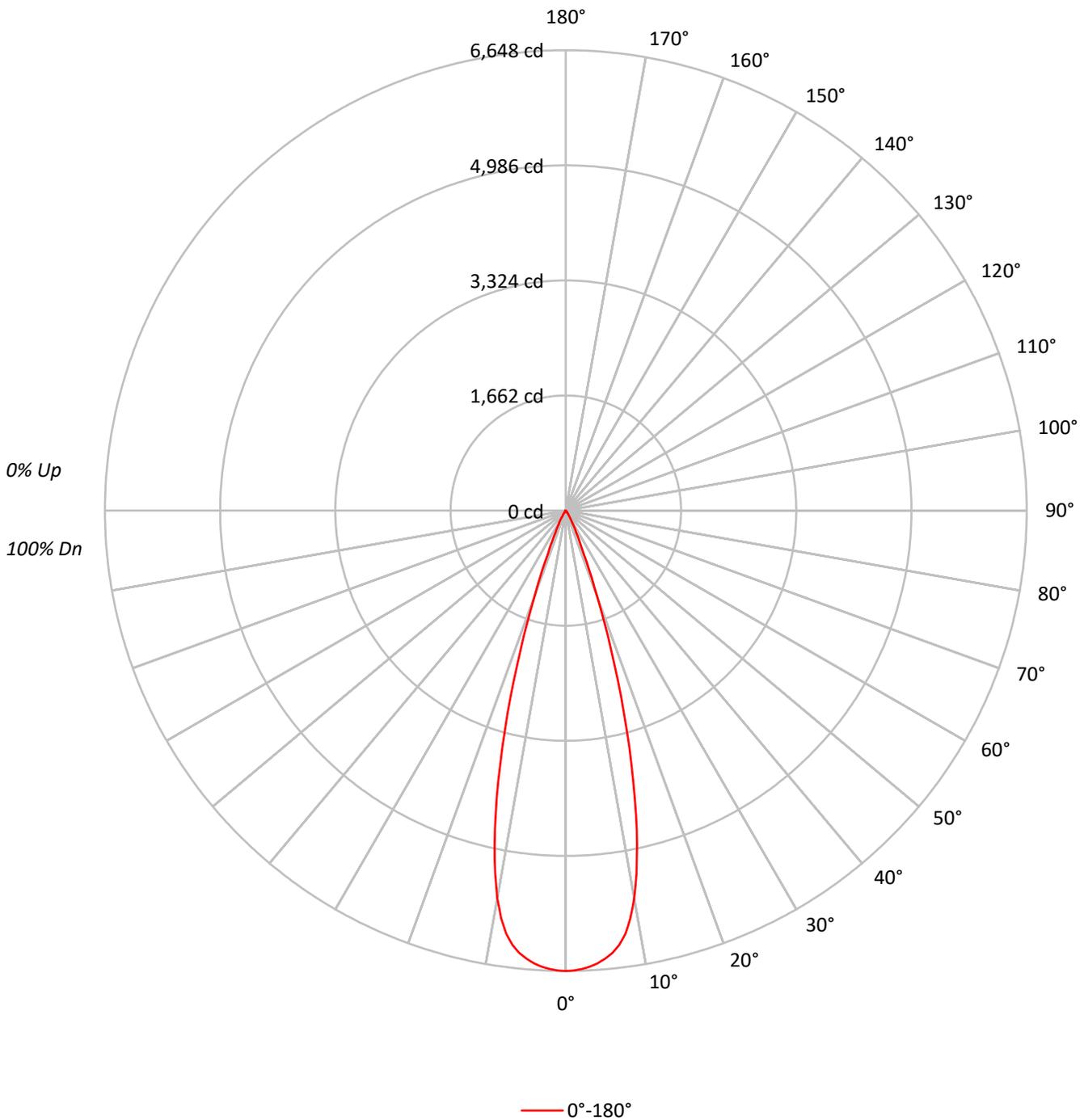
Test Method: LM-79-2019  
Report Number: P1260341  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309050DE010 E3CD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1789.9 lumens  
Efficiency: N/A  
Efficacy: 84.4 lumens/watt  
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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	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	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	98	97	97	97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	95	94	94	94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92	93	91	91	91
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	93	91	89	88
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	87	91	88	87	85
6	99	93	89	86	98	92	88	86	91	88	85	90	87	85	89	86	84	89	86	84	83
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	86	84	82	81
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80	84	82	80	79
9	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	79	77	82	79	77	77
10	89	83	79	76	88	82	78	76	82	78	76	81	78	76	80	77	75	80	77	75	75

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

	0°
0°	1457668
5°	1430109
10°	1266020
15°	802093
20°	304456
25°	90150
30°	35600
35°	10922
40°	4838
45°	1737
50°	1433
55°	1070
60°	1228
65°	1453
70°	898
75°	1186
80°	1768
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 1768 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	597.3	33.4
10°-20°	930.8	52.0
20°-30°	216.1	12.1
30°-40°	33.5	1.9
40°-50°	5.7	0.3
50°-60°	2.7	0.1
60°-70°	2.2	0.1
70°-80°	1.5	0.1
80°-90°	0.2	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°	1744.2	97.4
0°-40°	1777.7	99.3
0°-60°	1786.0	99.8
0°-90°	1789.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1789.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	6648	
5°	6497	597
15°	3533	931
25°	373	216
35°	41	33
45°	6	6
55°	3	3
65°	3	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	6647.5
1°	6643.3
2°	6625.0
3°	6594.0
4°	6554.7
5°	6497.0
6°	6425.3
7°	6318.5
8°	6172.3
9°	5957.1
10°	5685.8
11°	5335.7
12°	4940.6
13°	4501.9
14°	4019.7
15°	3533.2
17.5°	2311.4
20°	1304.7
22.5°	666.4
25°	372.6
27.5°	229.2
30°	140.6
32.5°	75.9
35°	40.8
37.5°	26.7
40°	16.9
42.5°	9.8
45°	5.6
47.5°	4.2
50°	4.2
52.5°	2.8
55°	2.8
57.5°	2.8
60°	2.8
62.5°	2.8
65°	2.8
67.5°	1.4
70°	1.4
72.5°	1.4
75°	1.4
77.5°	1.4
80°	1.4
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)