

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: P1260324

Luminaire Tested: P3AS17R259050DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

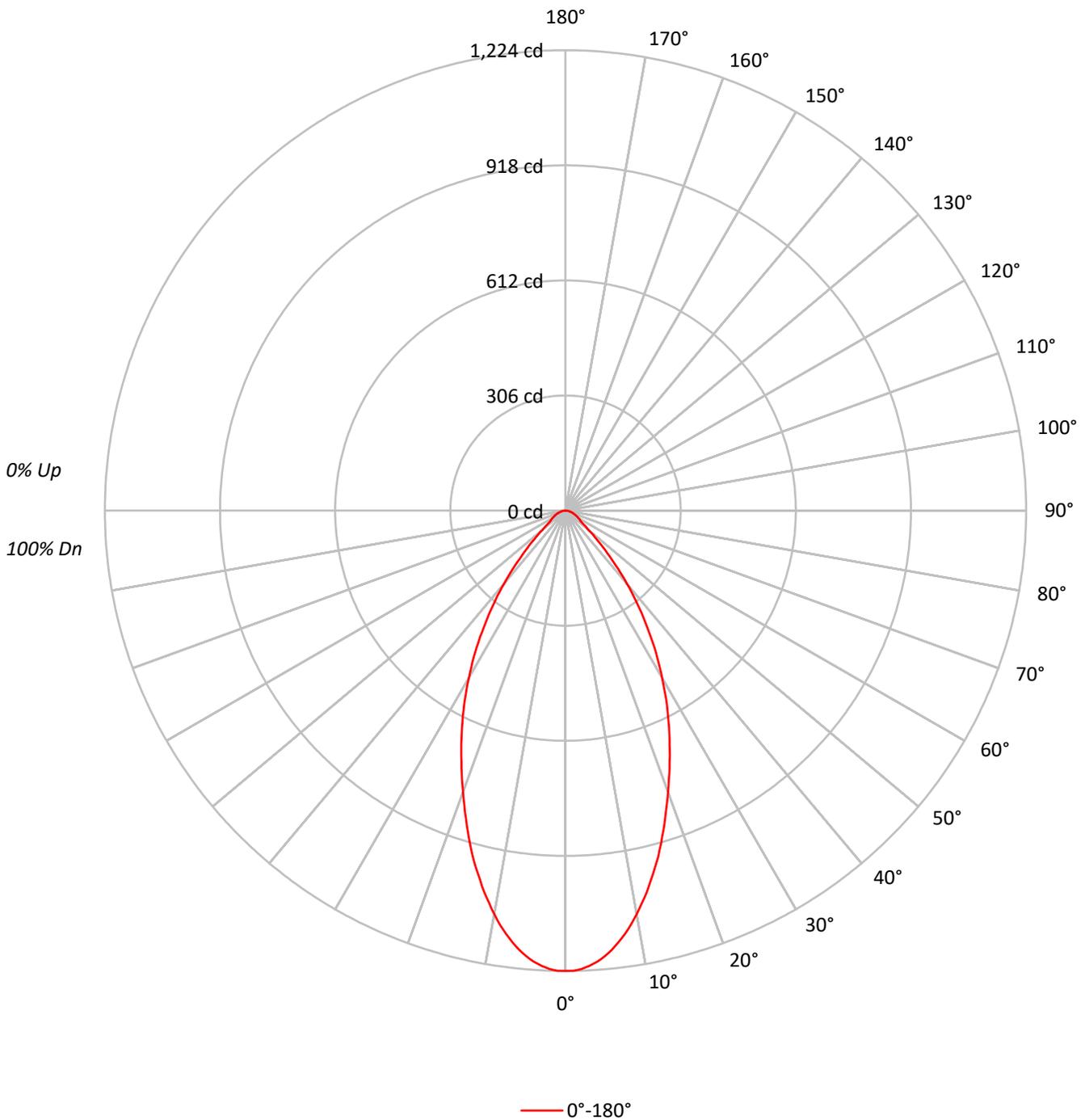
Test Method: LM-79-2019  
Report Number: P1260324  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R259050DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1129.0 lumens  
Efficiency: N/A  
Efficacy: 53.3 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

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

	0°
0°	268334
5°	261919
10°	242703
15°	216165
20°	185773
25°	157896
30°	129995
35°	101268
40°	72879
45°	46237
50°	27359
55°	18809
60°	17279
65°	16033
70°	14426
75°	13132
80°	12375
85°	10567

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 46237 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	110.3	9.8
10°-20°	264.3	23.4
20°-30°	298.7	26.5
30°-40°	236.3	20.9
40°-50°	119.3	10.6
50°-60°	47.8	4.2
60°-70°	30.6	2.7
70°-80°	16.9	1.5
80°-90°	4.8	0.4
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°	673.4	59.6
0°-40°	909.6	80.6
0°-60°	1076.7	95.4
0°-90°	1129.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1129.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1224	
5°	1190	110
15°	952	264
25°	653	299
35°	378	236
45°	149	119
55°	49	48
65°	31	31
75°	16	17
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1223.7
1°	1223.7
2°	1219.4
3°	1212.4
4°	1202.6
5°	1189.9
6°	1174.4
7°	1156.1
8°	1136.4
9°	1113.9
10°	1090.0
11°	1063.3
12°	1038.0
13°	1008.5
14°	980.3
15°	952.2
17.5°	873.4
20°	796.1
22.5°	722.9
25°	652.6
27.5°	583.7
30°	513.4
32.5°	447.3
35°	378.3
37.5°	315.1
40°	254.6
42.5°	198.3
45°	149.1
47.5°	111.1
50°	80.2
52.5°	60.5
55°	49.2
57.5°	45.0
60°	39.4
62.5°	35.2
65°	30.9
67.5°	26.7
70°	22.5
72.5°	19.7
75°	15.5
77.5°	12.7
80°	9.8
82.5°	7.0
85°	4.2
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)