

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: P1260416

Luminaire Tested: P3AS17R409050DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

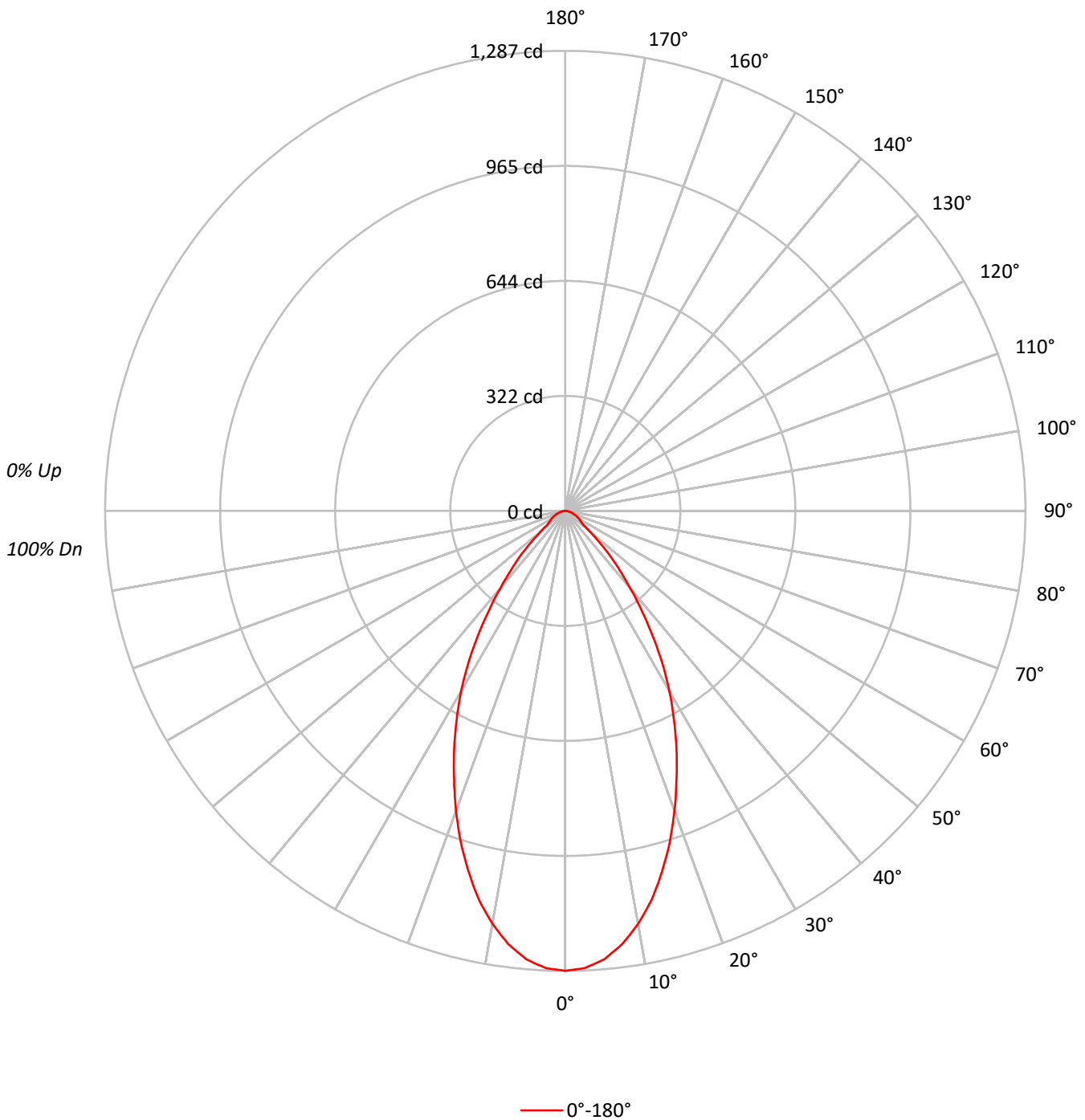
Test Method: LM-79-2019  
Report Number: P1260416  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R409050DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1257.0 lumens  
Efficiency: N/A  
Efficacy: 59.3 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88  
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			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

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

	0°
0°	282170
5°	277063
10°	261162
15°	237209
20°	208385
25°	177954
30°	147415
35°	113689
40°	80923
45°	54517
50°	29747
55°	20950
60°	19735
65°	18264
70°	16221
75°	15504
80°	12375
85°	10567

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 54517 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	117.4	9.3
10°-20°	291.1	23.2
20°-30°	336.5	26.8
30°-40°	265.2	21.1
40°-50°	136.1	10.8
50°-60°	52.0	4.1
60°-70°	34.4	2.7
70°-80°	18.7	1.5
80°-90°	5.5	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°	744.9	59.3
0°-40°	1010.1	80.4
0°-60°	1198.3	95.3
0°-90°	1257.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1257.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1287	
5°	1259	117
15°	1045	291
25°	736	336
35°	425	265
45°	176	136
55°	55	52
65°	35	34
75°	18	19
85°	4	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1286.8
2.5°	1279.8
5°	1258.7
7.5°	1222.1
10°	1172.9
12.5°	1115.2
15°	1044.9
17.5°	971.8
20°	893.0
22.5°	812.9
25°	735.5
27.5°	658.2
30°	582.2
32.5°	504.9
35°	424.7
37.5°	350.2
40°	282.7
42.5°	225.0
45°	175.8
47.5°	128.0
50°	87.2
52.5°	63.3
55°	54.8
57.5°	49.2
60°	45.0
62.5°	39.4
65°	35.2
67.5°	29.5
70°	25.3
72.5°	21.1
75°	18.3
77.5°	14.1
80°	9.8
82.5°	8.4
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)