

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: P1261487

Luminaire Tested: P3AS02R309727DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

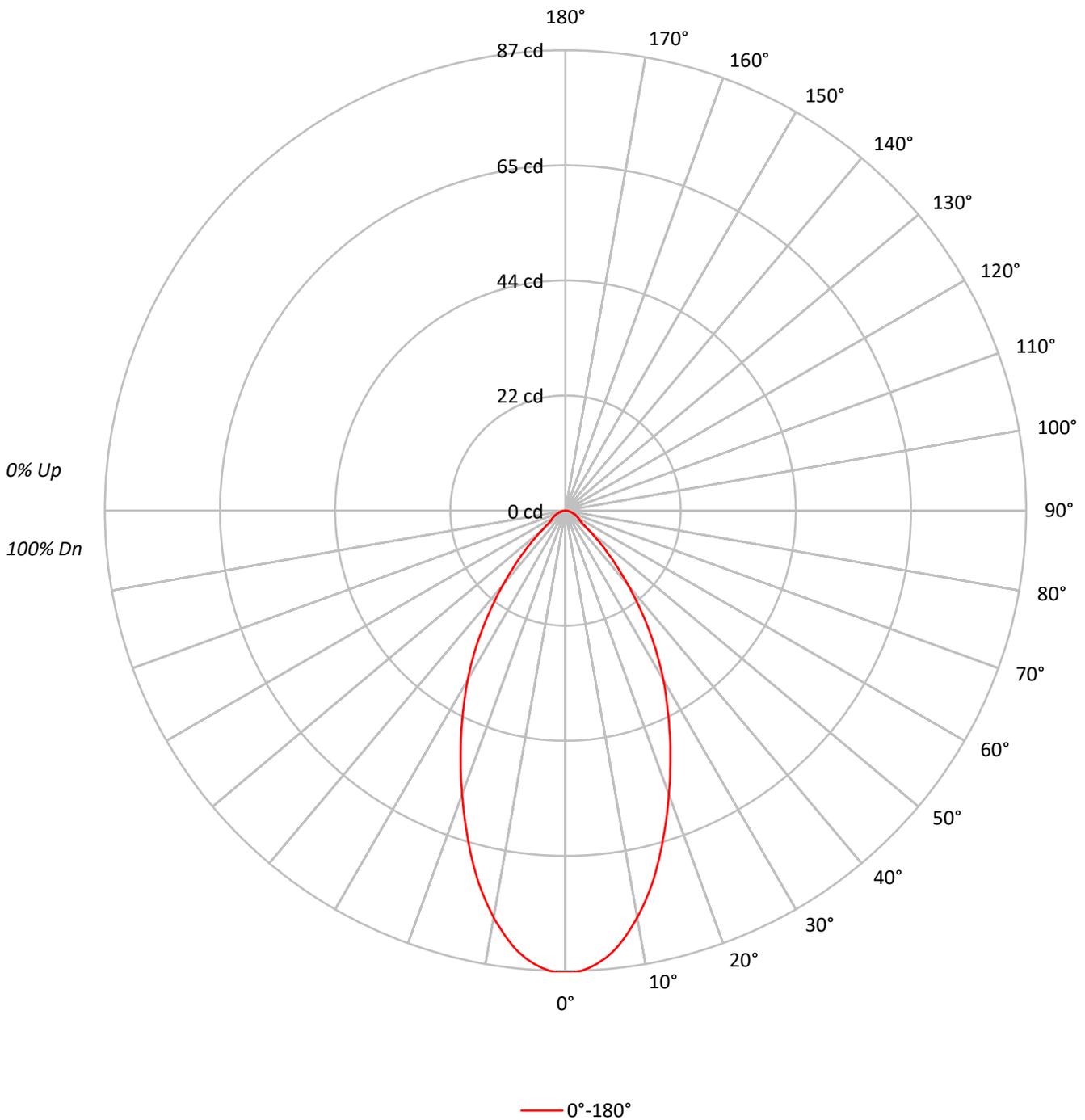
Test Method: LM-79-2019  
Report Number: P1261487  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R309727DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 81.0 lumens  
Efficiency: N/A  
Efficacy: 22.5 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): 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
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	49	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°	19143
5°	18710
10°	17390
15°	15482
20°	13324
25°	11275
30°	9369
35°	7335
40°	5267
45°	3442
50°	1979
55°	1300
60°	1228
65°	1141
70°	1026
75°	932
80°	884
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3442 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7.9	9.7
10°-20°	19.0	23.4
20°-30°	21.4	26.4
30°-40°	17.1	21.1
40°-50°	8.8	10.8
50°-60°	3.3	4.1
60°-70°	2.2	2.7
70°-80°	1.2	1.4
80°-90°	0.3	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°	48.2	59.5
0°-40°	65.3	80.5
0°-60°	77.3	95.4
0°-90°	81.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	81.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	87	
5°	85	8
15°	68	19
25°	47	21
35°	27	17
45°	11	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	87.3
1°	87.3
2°	87.0
3°	86.5
4°	85.8
5°	85.0
6°	84.0
7°	82.7
8°	81.3
9°	79.7
10°	78.1
11°	76.3
12°	74.4
13°	72.5
14°	70.4
15°	68.2
17.5°	62.6
20°	57.1
22.5°	51.7
25°	46.6
27.5°	41.6
30°	37.0
32.5°	32.2
35°	27.4
37.5°	22.8
40°	18.4
42.5°	14.5
45°	11.1
47.5°	8.2
50°	5.8
52.5°	4.1
55°	3.4
57.5°	3.1
60°	2.8
62.5°	2.5
65°	2.2
67.5°	1.9
70°	1.6
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)