

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: P1260005

Luminaire Tested: P3AS13R359050DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

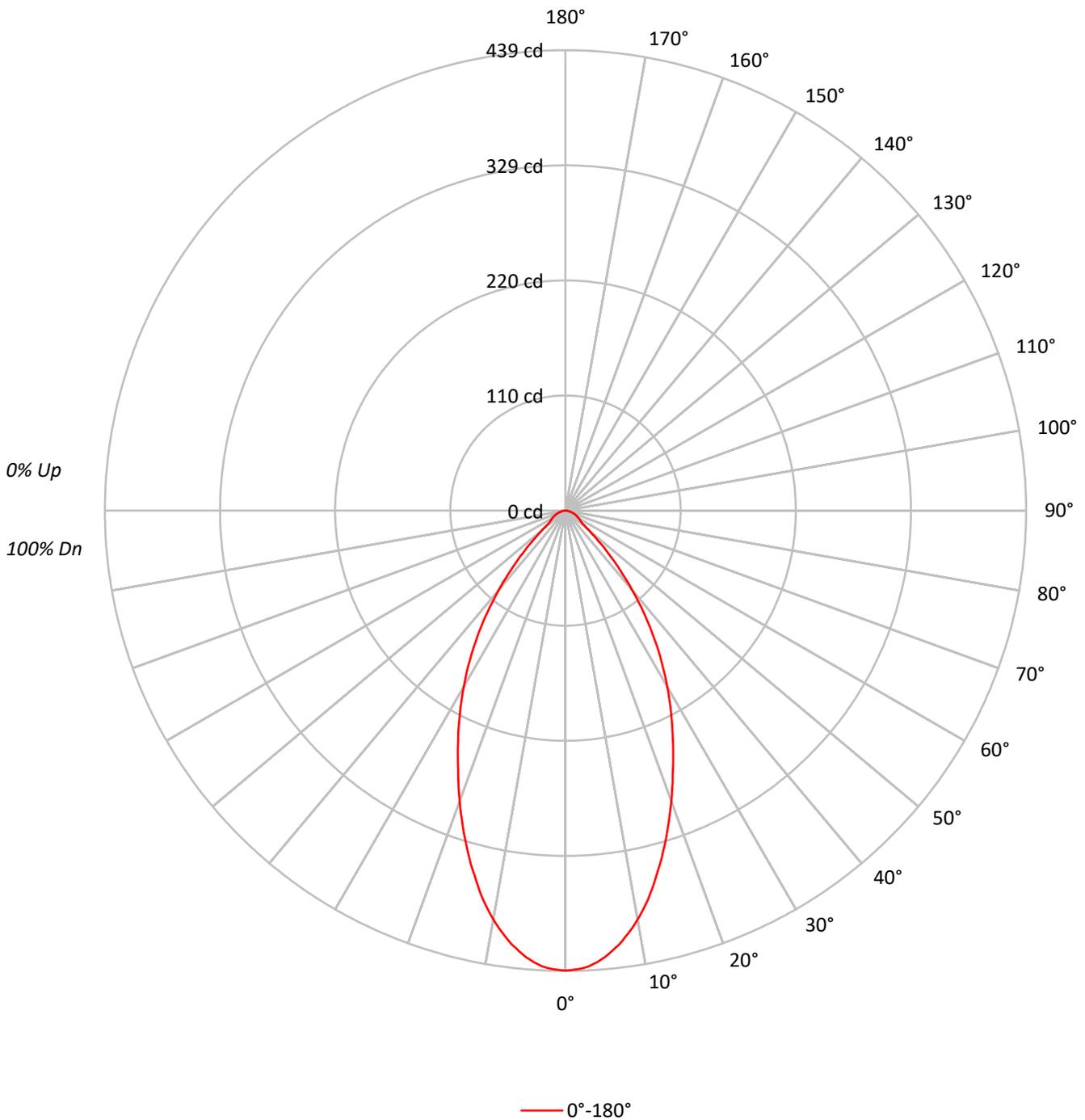
Test Method: LM-79-2019  
Report Number: P1260005  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R359050DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 421.0 lumens  
Efficiency: N/A  
Efficacy: 28.8 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			45

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

	0°
0°	96177
5°	94123
10°	88152
15°	79138
20°	68839
25°	58649
30°	49147
35°	39137
40°	28282
45°	17893
50°	9757
55°	6767
60°	6403
65°	5915
70°	5642
75°	4829
80°	4546
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17893 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	39.8	9.5
10°-20°	97.0	23.0
20°-30°	111.2	26.4
30°-40°	90.7	21.5
40°-50°	45.7	10.9
50°-60°	17.0	4.0
60°-70°	11.4	2.7
70°-80°	6.3	1.5
80°-90°	1.9	0.5
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°	248.0	58.9
0°-40°	338.7	80.5
0°-60°	401.4	95.3
0°-90°	421.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	421.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	439	
5°	428	40
15°	349	97
25°	242	111
35°	146	91
45°	58	46
55°	18	17
65°	11	11
75°	6	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	438.6
1°	438.0
2°	437.0
3°	434.9
4°	431.8
5°	427.6
6°	422.4
7°	417.2
8°	410.5
9°	403.7
10°	395.9
11°	387.6
12°	378.7
13°	368.9
14°	358.4
15°	348.6
17.5°	322.0
20°	295.0
22.5°	267.4
25°	242.4
27.5°	218.0
30°	194.1
32.5°	170.1
35°	146.2
37.5°	122.3
40°	98.8
42.5°	77.0
45°	57.7
47.5°	41.6
50°	28.6
52.5°	20.8
55°	17.7
57.5°	16.1
60°	14.6
62.5°	13.0
65°	11.4
67.5°	9.9
70°	8.8
72.5°	7.3
75°	5.7
77.5°	4.7
80°	3.6
82.5°	2.6
85°	1.6
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)