

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: P1254409

Luminaire Tested: P3AS09R559035DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

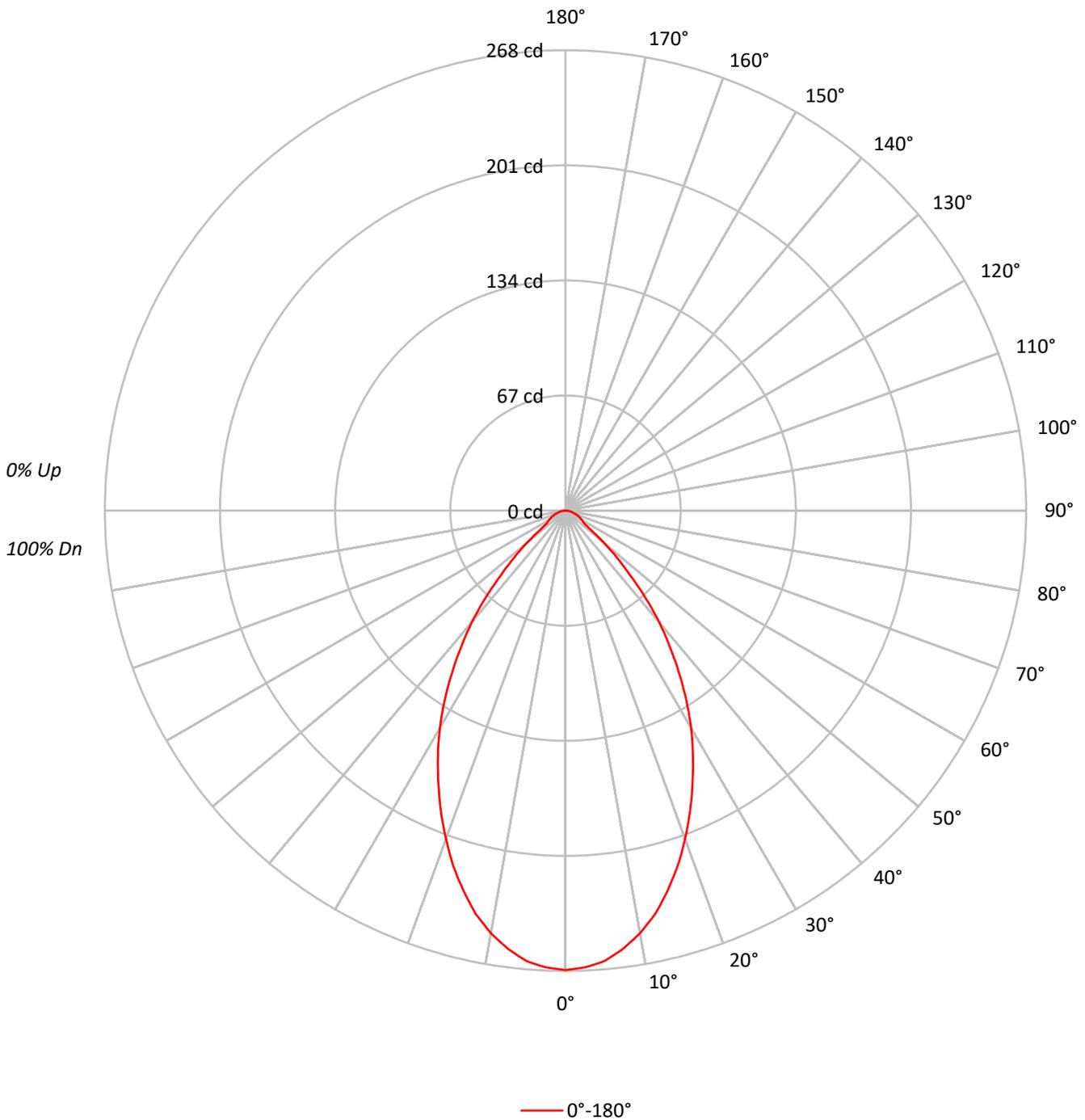
Test Method: LM-79-2019  
Report Number: P1254409  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R559035DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 311.9 lumens  
Efficiency: N/A  
Efficacy: 28.1 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91			91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			52
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			42

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

	0°
0°	58658
5°	57913
10°	55621
15°	52032
20°	47464
25°	42341
30°	37044
35°	30785
40°	24274
45°	16467
50°	10064
55°	5199
60°	4868
65°	4566
70°	4231
75°	3728
80°	3662
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16467 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.7	7.9
10°-20°	64.1	20.5
20°-30°	80.2	25.7
30°-40°	71.6	23.0
40°-50°	41.9	13.4
50°-60°	14.5	4.6
60°-70°	8.7	2.8
70°-80°	4.8	1.6
80°-90°	1.4	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°	169.0	54.2
0°-40°	240.6	77.1
0°-60°	297.0	95.2
0°-90°	311.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	311.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	268	
5°	263	25
15°	229	64
25°	175	80
35°	115	72
45°	53	42
55°	14	15
65°	9	9
75°	4	5
85°	1	1
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	267.5
2.5°	266.1
5°	263.1
7.5°	257.2
10°	249.8
12.5°	240.6
15°	229.2
17.5°	217.0
20°	203.4
22.5°	189.4
25°	175.0
27.5°	160.7
30°	146.3
32.5°	130.8
35°	115.0
37.5°	99.5
40°	84.8
42.5°	68.9
45°	53.1
47.5°	40.5
50°	29.5
52.5°	19.2
55°	13.6
57.5°	12.2
60°	11.1
62.5°	9.9
65°	8.8
67.5°	7.7
70°	6.6
72.5°	5.5
75°	4.4
77.5°	3.7
80°	2.9
82.5°	1.8
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)