

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: P1246627

Luminaire Tested: P3A09R559024DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

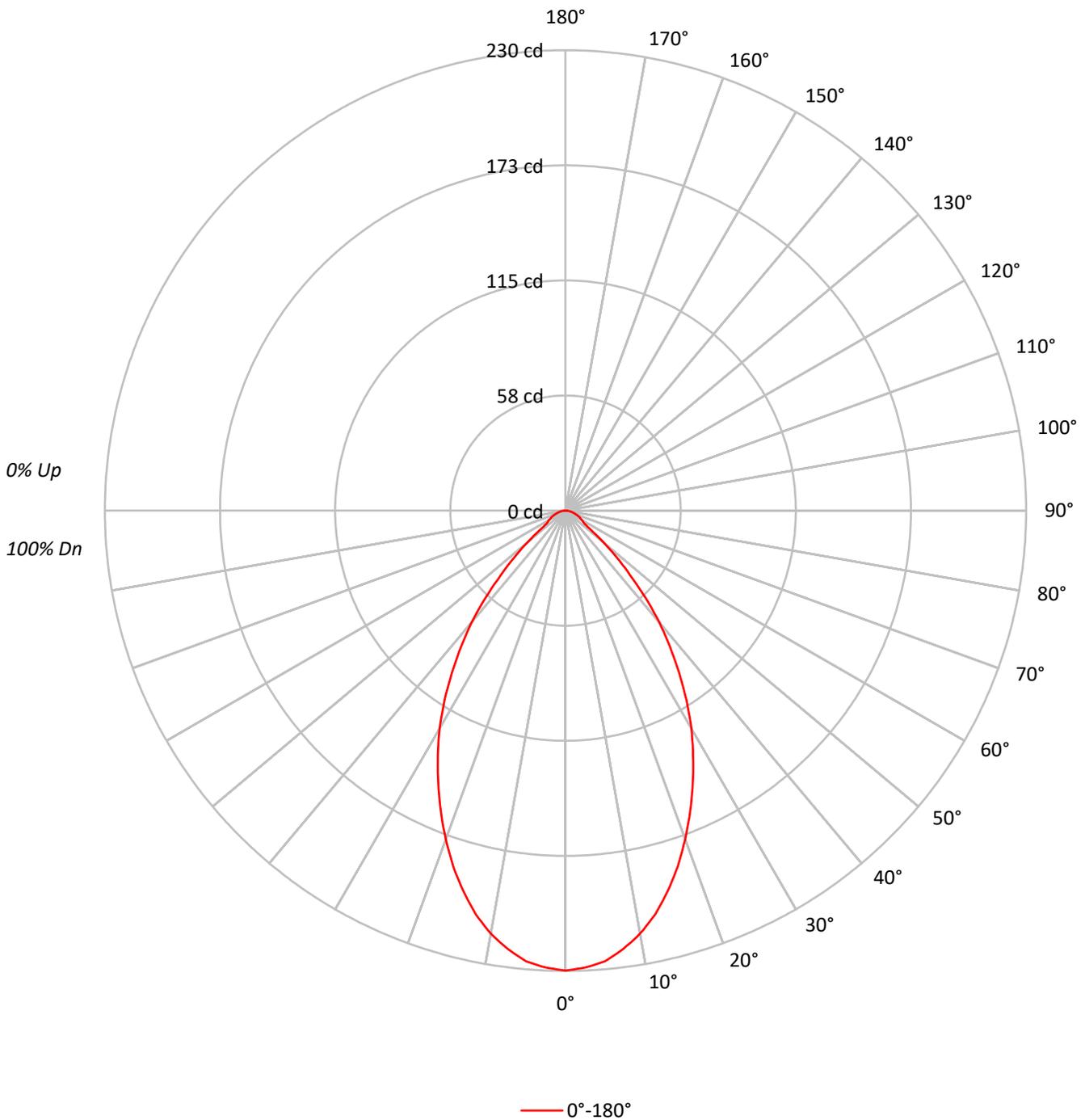
Test Method: LM-79-2019  
Report Number: P1246627  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R559024DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R55 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 268.0 lumens  
Efficiency: N/A  
Efficacy: 24.1 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°	50391
5°	49747
10°	47784
15°	44699
20°	40767
25°	36389
30°	31828
35°	26448
40°	20839
45°	14141
50°	8631
55°	4473
60°	4166
65°	3943
70°	3654
75°	3219
80°	3157
85°	2264

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14141 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.2	7.9
10°-20°	55.0	20.5
20°-30°	68.9	25.7
30°-40°	61.5	23.0
40°-50°	36.0	13.4
50°-60°	12.4	4.6
60°-70°	7.5	2.8
70°-80°	4.2	1.6
80°-90°	1.2	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°	145.1	54.2
0°-40°	206.7	77.1
0°-60°	255.1	95.2
0°-90°	268.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	268.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	230	
5°	226	21
15°	197	55
25°	150	69
35°	99	62
45°	46	36
55°	12	12
65°	8	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	229.8
2.5°	228.5
5°	226.0
7.5°	220.9
10°	214.6
12.5°	206.7
15°	196.9
17.5°	186.4
20°	174.7
22.5°	162.7
25°	150.4
27.5°	138.0
30°	125.7
32.5°	112.4
35°	98.8
37.5°	85.5
40°	72.8
42.5°	59.2
45°	45.6
47.5°	34.8
50°	25.3
52.5°	16.5
55°	11.7
57.5°	10.4
60°	9.5
62.5°	8.5
65°	7.6
67.5°	6.6
70°	5.7
72.5°	4.7
75°	3.8
77.5°	3.2
80°	2.5
82.5°	1.6
85°	0.9
87.5°	0.6
90°	0.0

(END OF REPORT)