

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: P1275809

Luminaire Tested: P3AS09R409835DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

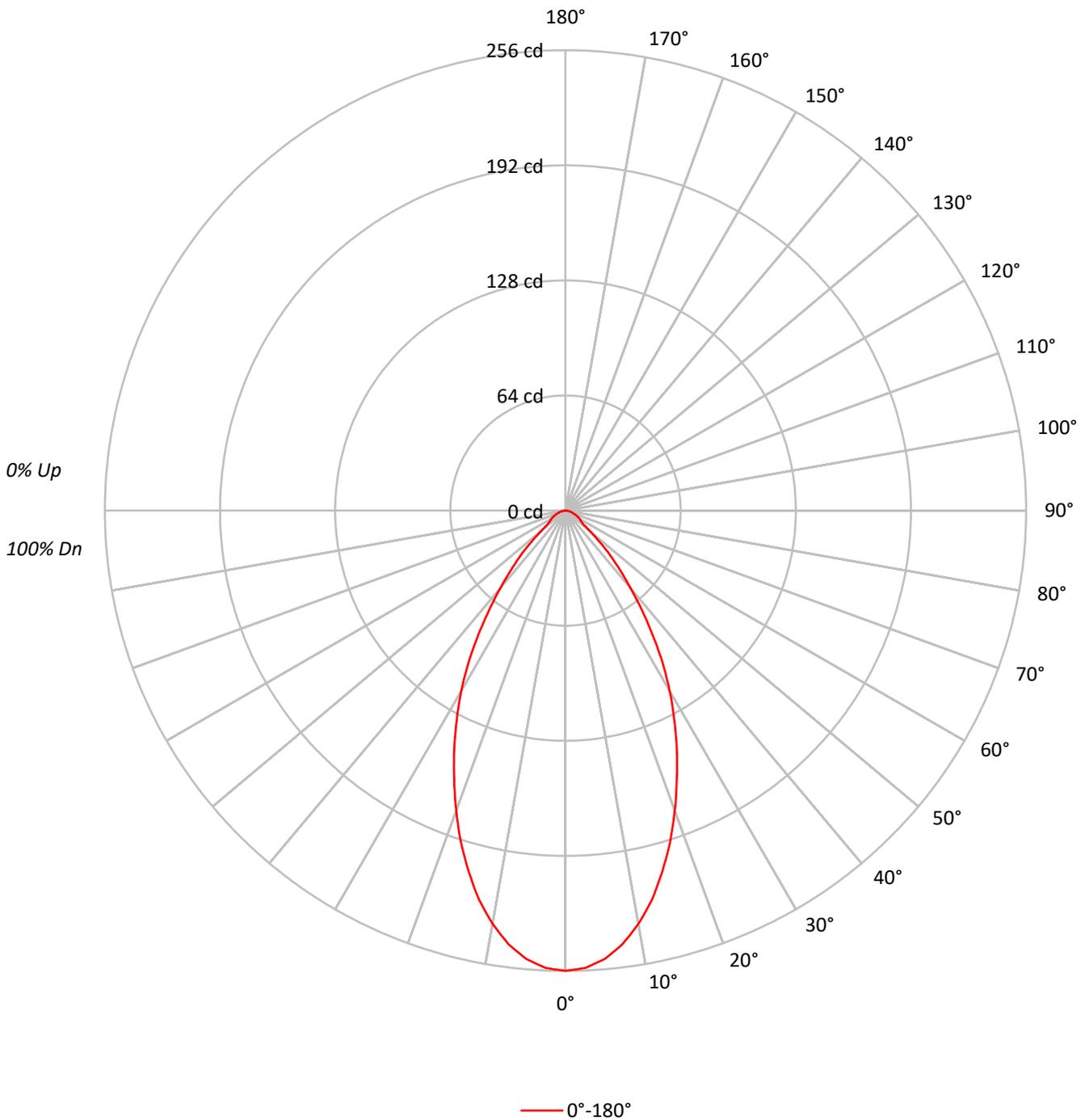
Test Method: LM-79-2019  
Report Number: P1275809  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R409835DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 250.0 lumens  
Efficiency: N/A  
Efficacy: 22.7 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): 11  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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°	56114
5°	55096
10°	51947
15°	47174
20°	41444
25°	35397
30°	29321
35°	22620
40°	16087
45°	10854
50°	5902
55°	4167
60°	3947
65°	3632
70°	3206
75°	3050
80°	2526
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10854 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	23.3	9.3
10°-20°	57.9	23.2
20°-30°	66.9	26.8
30°-40°	52.7	21.1
40°-50°	27.1	10.8
50°-60°	10.4	4.1
60°-70°	6.8	2.7
70°-80°	3.7	1.5
80°-90°	1.1	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°	148.2	59.3
0°-40°	200.9	80.4
0°-60°	238.4	95.3
0°-90°	250.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	250.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	256	
5°	250	23
15°	208	58
25°	146	67
35°	84	53
45°	35	27
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	255.9
2.5°	254.5
5°	250.3
7.5°	243.1
10°	233.3
12.5°	221.8
15°	207.8
17.5°	193.3
20°	177.6
22.5°	161.7
25°	146.3
27.5°	130.9
30°	115.8
32.5°	100.4
35°	84.5
37.5°	69.6
40°	56.2
42.5°	44.8
45°	35.0
47.5°	25.5
50°	17.3
52.5°	12.6
55°	10.9
57.5°	9.8
60°	9.0
62.5°	7.8
65°	7.0
67.5°	5.9
70°	5.0
72.5°	4.2
75°	3.6
77.5°	2.8
80°	2.0
82.5°	1.7
85°	0.8
87.5°	0.6
90°	0.0

(END OF REPORT)