

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: P1275749

Luminaire Tested: P3AS09R309835DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

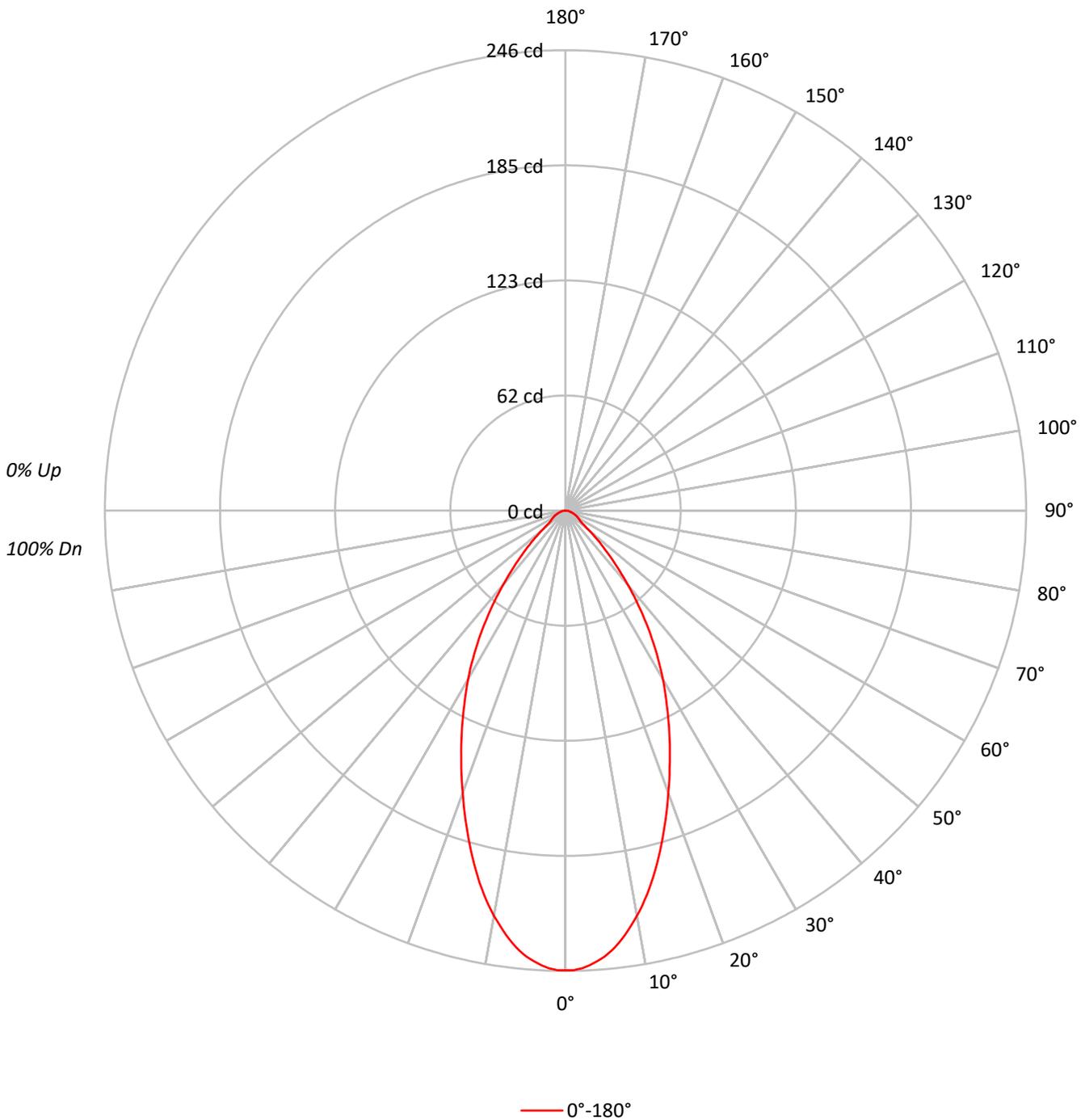
Test Method: LM-79-2019  
Report Number: P1275749  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R309835DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 228.0 lumens  
Efficiency: N/A  
Efficacy: 20.7 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): 11  
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	84	80	78	76			76
4	94	85	79	74	92	84	79	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	50	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°	53855
5°	52652
10°	48964
15°	43564
20°	37477
25°	31744
30°	26358
35°	20666
40°	14828
45°	9706
50°	5526
55°	3632
60°	3421
65°	3217
70°	2885
75°	2626
80°	2526
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9706 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	22.2	9.7
10°-20°	53.4	23.4
20°-30°	60.1	26.4
30°-40°	48.0	21.1
40°-50°	24.7	10.8
50°-60°	9.3	4.1
60°-70°	6.1	2.7
70°-80°	3.3	1.4
80°-90°	1.0	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°	135.7	59.5
0°-40°	183.7	80.6
0°-60°	217.7	95.5
0°-90°	228.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	228.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	246	
5°	239	22
15°	192	53
25°	131	60
35°	77	48
45°	31	25
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	245.6
1°	245.6
2°	244.8
3°	243.4
4°	241.4
5°	239.2
6°	236.4
7°	232.8
8°	228.9
9°	224.4
10°	219.9
11°	214.9
12°	209.6
13°	204.0
14°	198.1
15°	191.9
17.5°	176.3
20°	160.6
22.5°	145.5
25°	131.2
27.5°	117.2
30°	104.1
32.5°	90.6
35°	77.2
37.5°	64.1
40°	51.8
42.5°	40.8
45°	31.3
47.5°	23.2
50°	16.2
52.5°	11.5
55°	9.5
57.5°	8.7
60°	7.8
62.5°	7.0
65°	6.2
67.5°	5.3
70°	4.5
72.5°	3.6
75°	3.1
77.5°	2.5
80°	2.0
82.5°	1.4
85°	0.8
87.5°	0.3



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)