

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: P1275000

Luminaire Tested: P3AS02R209835DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

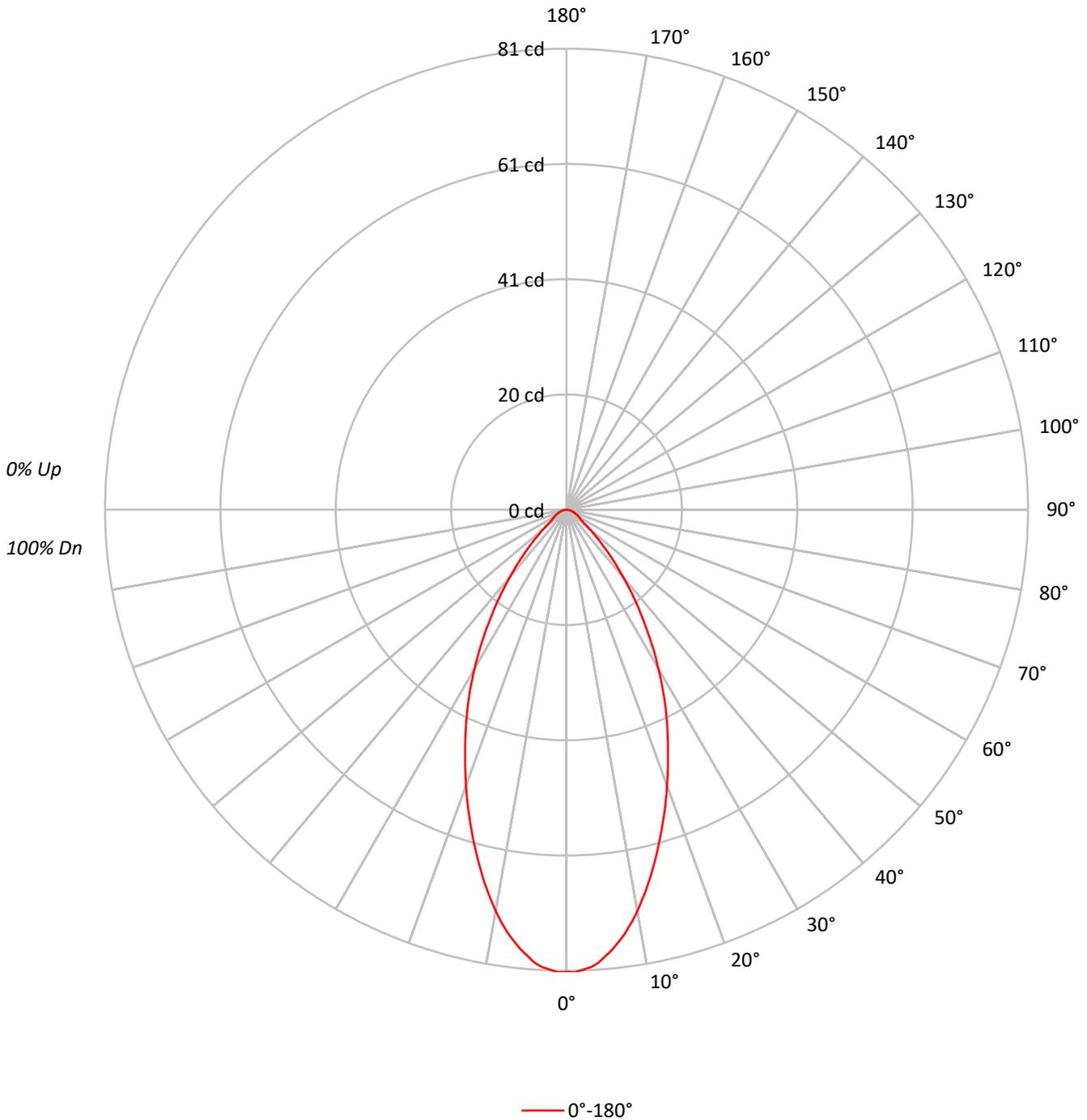
Test Method: LM-79-2019  
Report Number: P1275000  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R209835DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 72.0 lumens  
Efficiency: N/A  
Efficacy: 20.0 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83			83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76			76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65			65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55			55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52			52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48			48
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45			45

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

	0°
0°	17806
5°	17323
10°	15943
15°	14030
20°	12041
25°	10113
30°	8178
35°	6210
40°	4437
45°	2915
50°	1808
55°	1185
60°	1096
65°	986
70°	962
75°	847
80°	758
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2915 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7.3	10.1
10°-20°	17.2	23.9
20°-30°	19.1	26.5
30°-40°	14.6	20.2
40°-50°	7.5	10.4
50°-60°	3.1	4.2
60°-70°	1.9	2.6
70°-80°	1.1	1.5
80°-90°	0.3	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
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0°-30°	43.6	60.6
0°-40°	58.2	80.8
0°-60°	68.7	95.4
0°-90°	72.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	72.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	81	
5°	79	7
15°	62	17
25°	42	19
35°	23	15
45°	9	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	81.2
1°	81.3
2°	80.9
3°	80.5
4°	79.8
5°	78.7
6°	77.6
7°	76.3
8°	74.9
9°	73.3
10°	71.6
12.5°	66.9
15°	61.8
17.5°	56.7
20°	51.6
22.5°	46.5
25°	41.8
27.5°	37.1
30°	32.3
32.5°	27.7
35°	23.2
37.5°	19.3
40°	15.5
42.5°	12.2
45°	9.4
47.5°	7.1
50°	5.3
52.5°	3.9
55°	3.1
57.5°	2.8
60°	2.5
62.5°	2.2
65°	1.9
67.5°	1.6
70°	1.5
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.5
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)