

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: P1268078

Luminaire Tested: P3AS20R159735D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

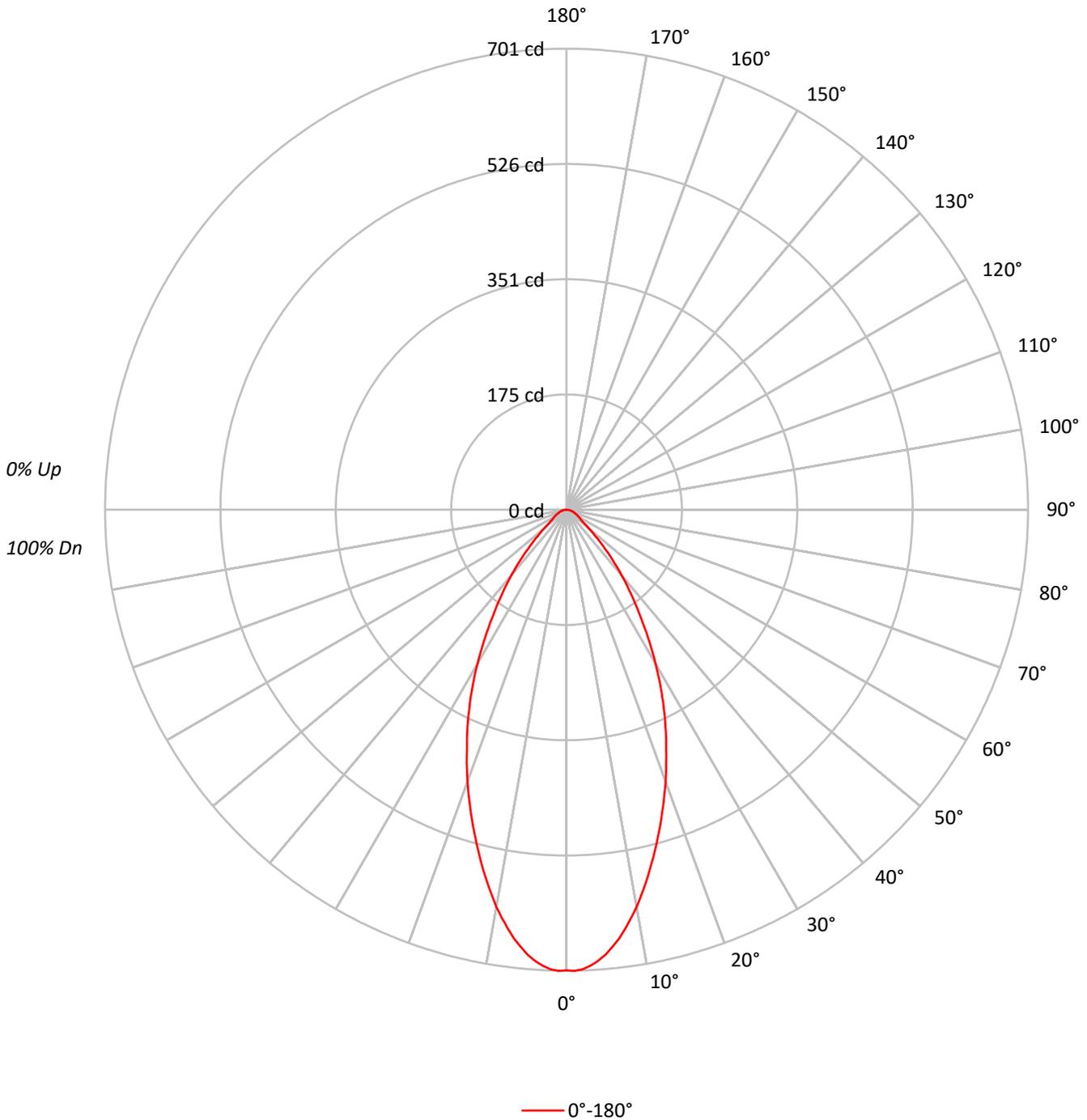
Test Method: LM-79-2019  
Report Number: P1268078  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R159735D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 609.0 lumens  
Efficiency: N/A  
Efficacy: 21.1 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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				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	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76				76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65				65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60				60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56				56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46				46

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

	0°
0°	153606
5°	149438
10°	136559
15°	119615
20°	102629
25°	85674
30°	68568
35°	51424
40°	37327
45°	24406
50°	15249
55°	10322
60°	9122
65°	8406
70°	7886
75°	7202
80°	6819
85°	5787

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 24406 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	62.6	10.3
10°-20°	146.8	24.1
20°-30°	161.8	26.6
30°-40°	121.1	19.9
40°-50°	62.8	10.3
50°-60°	26.0	4.3
60°-70°	16.1	2.6
70°-80°	9.0	1.5
80°-90°	2.6	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°	371.2	61.0
0°-40°	492.4	80.9
0°-60°	581.2	95.4
0°-90°	609.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	609.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	700	
5°	679	63
15°	527	147
25°	354	162
35°	192	121
45°	79	63
55°	27	26
65°	16	16
75°	8	9
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	700.5
1°	701.3
2°	699.0
3°	694.4
4°	687.4
5°	678.9
6°	668.1
7°	656.6
8°	642.7
9°	628.0
10°	613.3
12.5°	570.9
15°	526.9
17.5°	483.0
20°	439.8
22.5°	395.8
25°	354.1
27.5°	312.5
30°	270.8
32.5°	229.9
35°	192.1
37.5°	159.7
40°	130.4
42.5°	103.4
45°	78.7
47.5°	59.4
50°	44.7
52.5°	33.2
55°	27.0
57.5°	23.9
60°	20.8
62.5°	18.5
65°	16.2
67.5°	13.9
70°	12.3
72.5°	10.0
75°	8.5
77.5°	6.9
80°	5.4
82.5°	3.9
85°	2.3
87.5°	0.8
90°	0.0

(END OF REPORT)