

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: P1274682

Luminaire Tested: P3AS20R259830D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

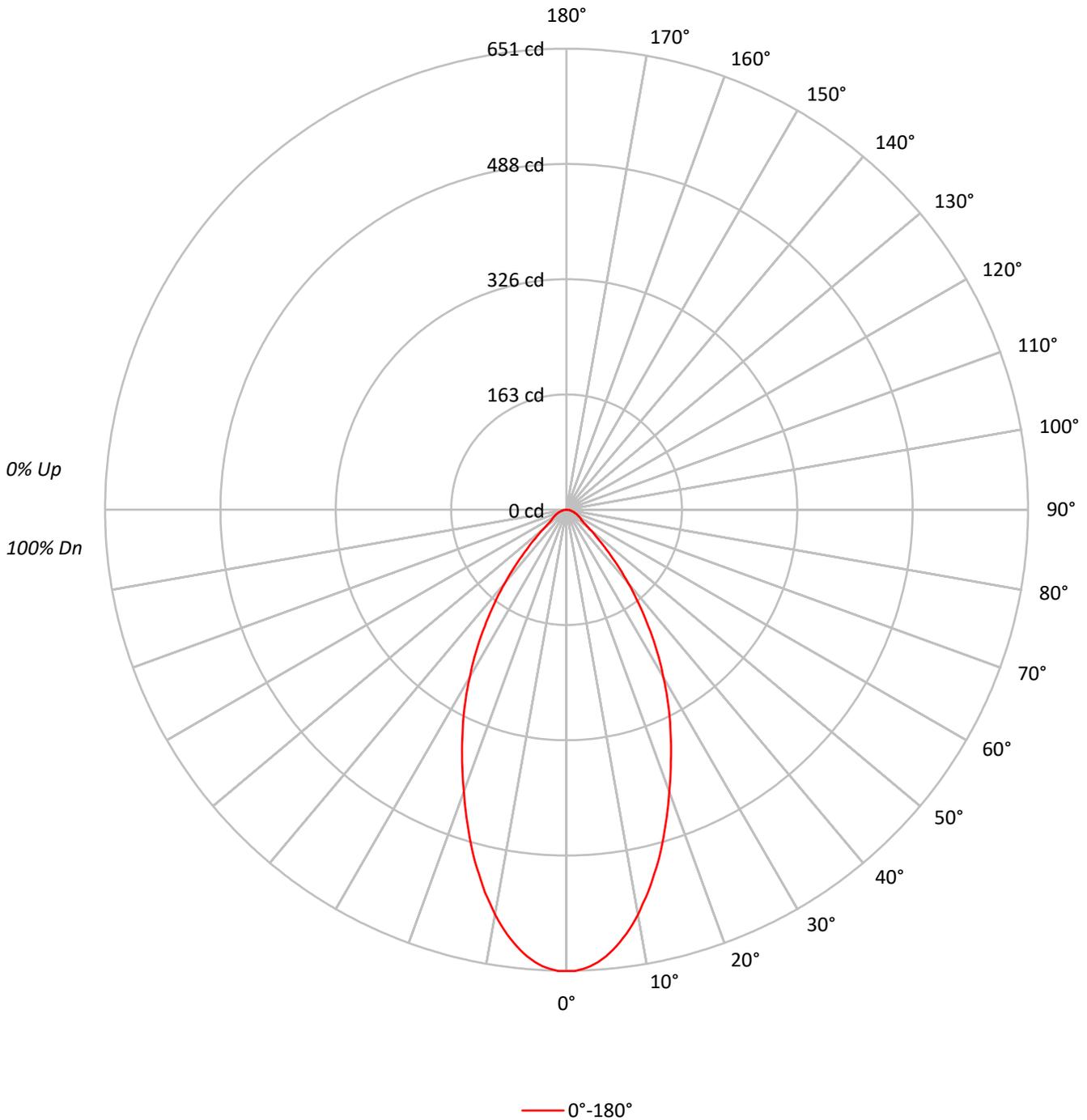
Test Method: LM-79-2019  
Report Number: P1274682  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R259830D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 601.0 lumens  
Efficiency: N/A  
Efficacy: 21.9 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): 27.4  
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	83	80	78	76			76
4	94	85	79	74	92	84	78	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°	142839
5°	139423
10°	129212
15°	115074
20°	98895
25°	84053
30°	69201
35°	53913
40°	38787
45°	24623
50°	14567
55°	10016
60°	9210
65°	8561
70°	7694
75°	6947
80°	6566
85°	5535

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 24623 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	58.7	9.8
10°-20°	140.7	23.4
20°-30°	159.0	26.5
30°-40°	125.8	20.9
40°-50°	63.5	10.6
50°-60°	25.5	4.2
60°-70°	16.3	2.7
70°-80°	9.0	1.5
80°-90°	2.5	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°	358.5	59.6
0°-40°	484.2	80.6
0°-60°	573.2	95.4
0°-90°	601.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	601.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	651	
5°	633	59
15°	507	141
25°	347	159
35°	201	126
45°	79	64
55°	26	25
65°	16	16
75°	8	9
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	651.4
1°	651.4
2°	649.1
3°	645.4
4°	640.2
5°	633.4
6°	625.2
7°	615.4
8°	605.0
9°	593.0
10°	580.3
11°	566.0
12°	552.6
13°	536.8
14°	521.9
15°	506.9
17.5°	465.0
20°	423.8
22.5°	384.8
25°	347.4
27.5°	310.7
30°	273.3
32.5°	238.1
35°	201.4
37.5°	167.7
40°	135.5
42.5°	105.6
45°	79.4
47.5°	59.1
50°	42.7
52.5°	32.2
55°	26.2
57.5°	24.0
60°	21.0
62.5°	18.7
65°	16.5
67.5°	14.2
70°	12.0
72.5°	10.5
75°	8.2
77.5°	6.7
80°	5.2
82.5°	3.7
85°	2.2
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)