

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: P1252888

Luminaire Tested: P3AS20R659030D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

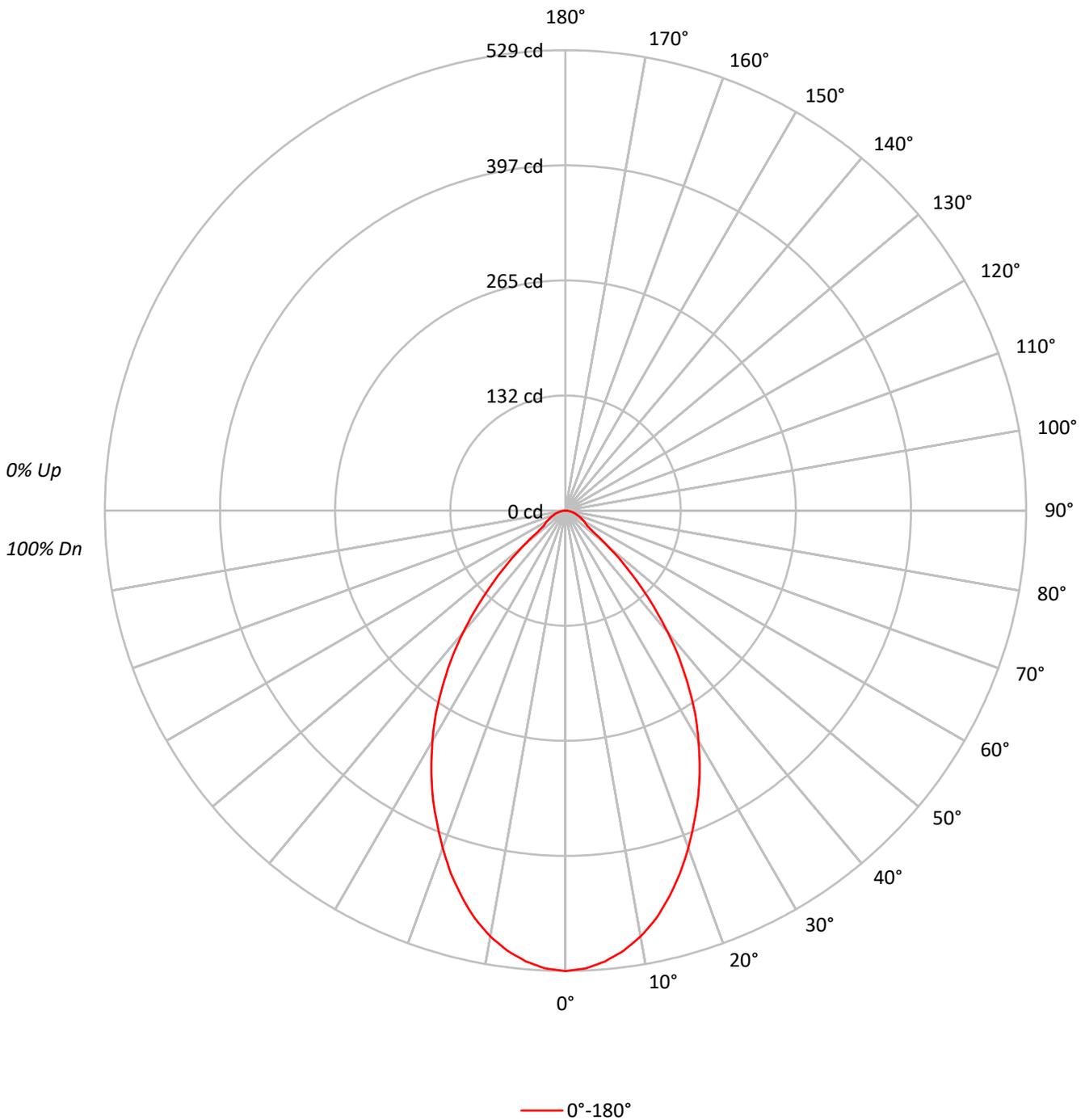
Test Method: LM-79-2019  
Report Number: P1252888  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R659030D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 651.9 lumens  
Efficiency: N/A  
Efficacy: 22.6 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1  
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				
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	100	100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91	91	91	91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82	82	82	82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74	74	74	74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67	67	67	67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61	61	61	61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56	56	56	56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51	51	51	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47	47	47	47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44	44	44	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41	41	41	41

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

	0°
0°	116021
5°	114462
10°	110619
15°	104337
20°	96235
25°	87344
30°	77354
35°	65826
40°	52384
45°	36965
50°	21458
55°	11699
60°	10876
65°	9858
70°	9040
75°	8388
80°	7324
85°	6290

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 36965 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.9	7.5
10°-20°	128.6	19.7
20°-30°	165.2	25.3
30°-40°	152.8	23.4
40°-50°	92.3	14.2
50°-60°	31.4	4.8
60°-70°	18.9	2.9
70°-80°	10.7	1.6
80°-90°	3.0	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
0°-30°	342.7	52.6
0°-40°	495.6	76.0
0°-60°	619.3	95.0
0°-90°	651.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	651.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	529	
5°	520	49
15°	460	129
25°	361	165
35°	246	153
45°	119	92
55°	31	31
65°	19	19
75°	10	11
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	529.1
2.5°	526.6
5°	520.0
7.5°	510.1
10°	496.8
12.5°	480.3
15°	459.6
17.5°	437.2
20°	412.4
22.5°	386.7
25°	361.0
27.5°	333.7
30°	305.5
32.5°	277.4
35°	245.9
37.5°	215.3
40°	183.0
42.5°	150.7
45°	119.2
47.5°	90.3
50°	62.9
52.5°	39.7
55°	30.6
57.5°	27.3
60°	24.8
62.5°	21.5
65°	19.0
67.5°	16.6
70°	14.1
72.5°	12.4
75°	9.9
77.5°	8.3
80°	5.8
82.5°	4.1
85°	2.5
87.5°	1.7
90°	0.0

(END OF REPORT)