

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: P1272548

Luminaire Tested: P3AS20R159827D010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

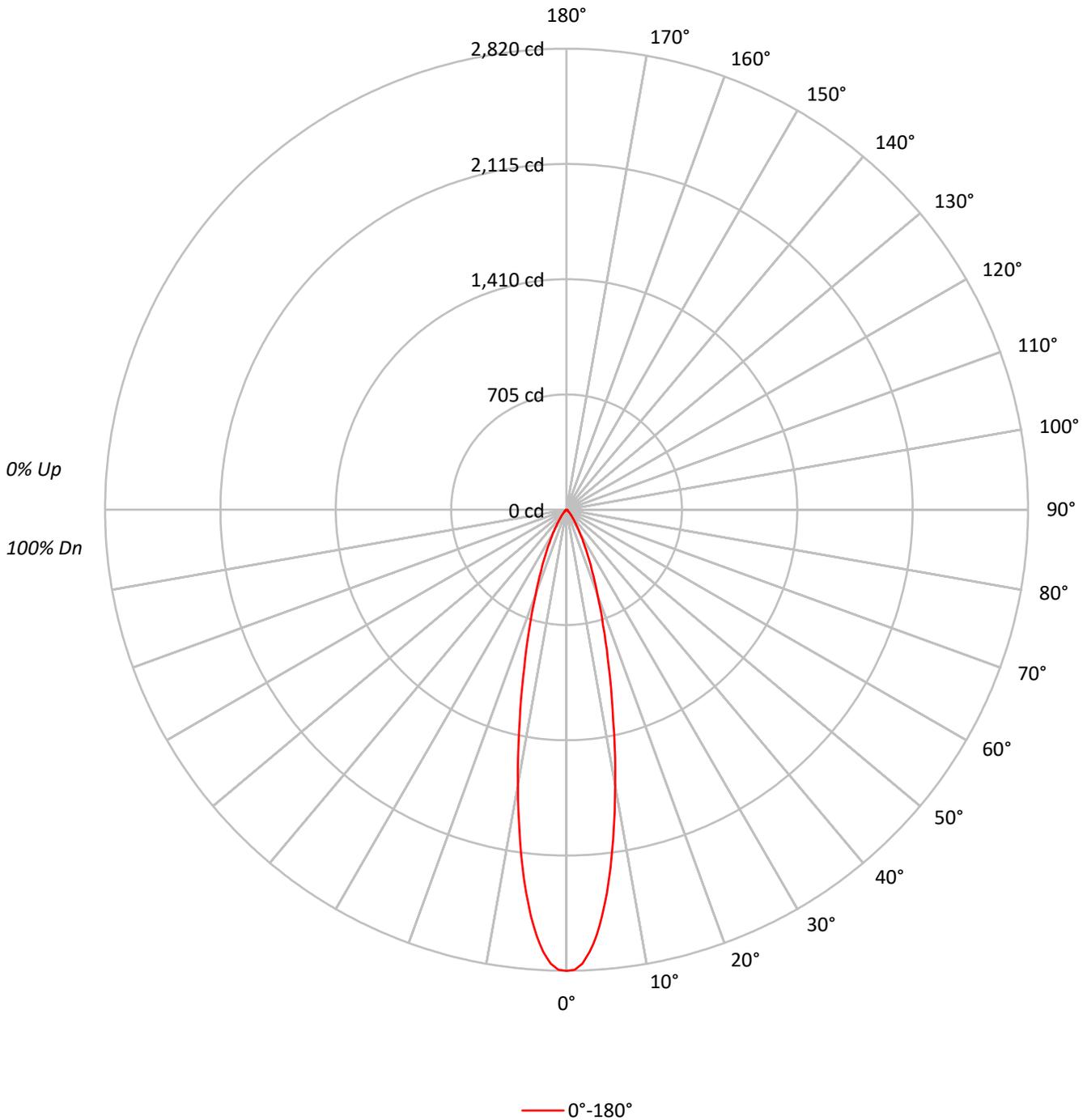
Test Method: LM-79-2019  
Report Number: P1272548  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R159827D010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 724.1 lumens  
Efficiency: N/A  
Efficacy: 26.4 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	68	67

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

	0°
0°	618481
5°	548997
10°	381267
15°	225472
20°	128414
25°	73407
30°	40614
35°	21656
40°	11965
45°	6481
50°	4060
55°	3211
60°	2763
65°	2542
70°	2244
75°	2372
80°	1768
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6481 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	212.1	29.3
10°-20°	279.9	38.7
20°-30°	144.1	19.9
30°-40°	54.1	7.5
40°-50°	17.7	2.4
50°-60°	7.6	1.1
60°-70°	4.8	0.7
70°-80°	2.9	0.4
80°-90°	0.8	0.1
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°	636.1	87.9
0°-40°	690.2	95.3
0°-60°	715.6	98.8
0°-90°	724.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	724.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2820	
5°	2494	212
15°	993	280
25°	303	144
35°	81	54
45°	21	18
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2820.5
1°	2814.9
2°	2778.0
3°	2707.5
4°	2614.8
5°	2494.1
6°	2357.4
7°	2207.5
8°	2040.8
9°	1876.2
10°	1712.3
12.5°	1317.5
15°	993.2
17.5°	743.5
20°	550.3
22.5°	410.8
25°	303.4
27.5°	221.1
30°	160.4
32.5°	113.7
35°	80.9
37.5°	57.9
40°	41.8
42.5°	30.0
45°	20.9
47.5°	15.3
50°	11.9
52.5°	9.8
55°	8.4
57.5°	7.0
60°	6.3
62.5°	5.6
65°	4.9
67.5°	4.2
70°	3.5
72.5°	3.5
75°	2.8
77.5°	2.1
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)