

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: P1274708

Luminaire Tested: P3AS20R309830D010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

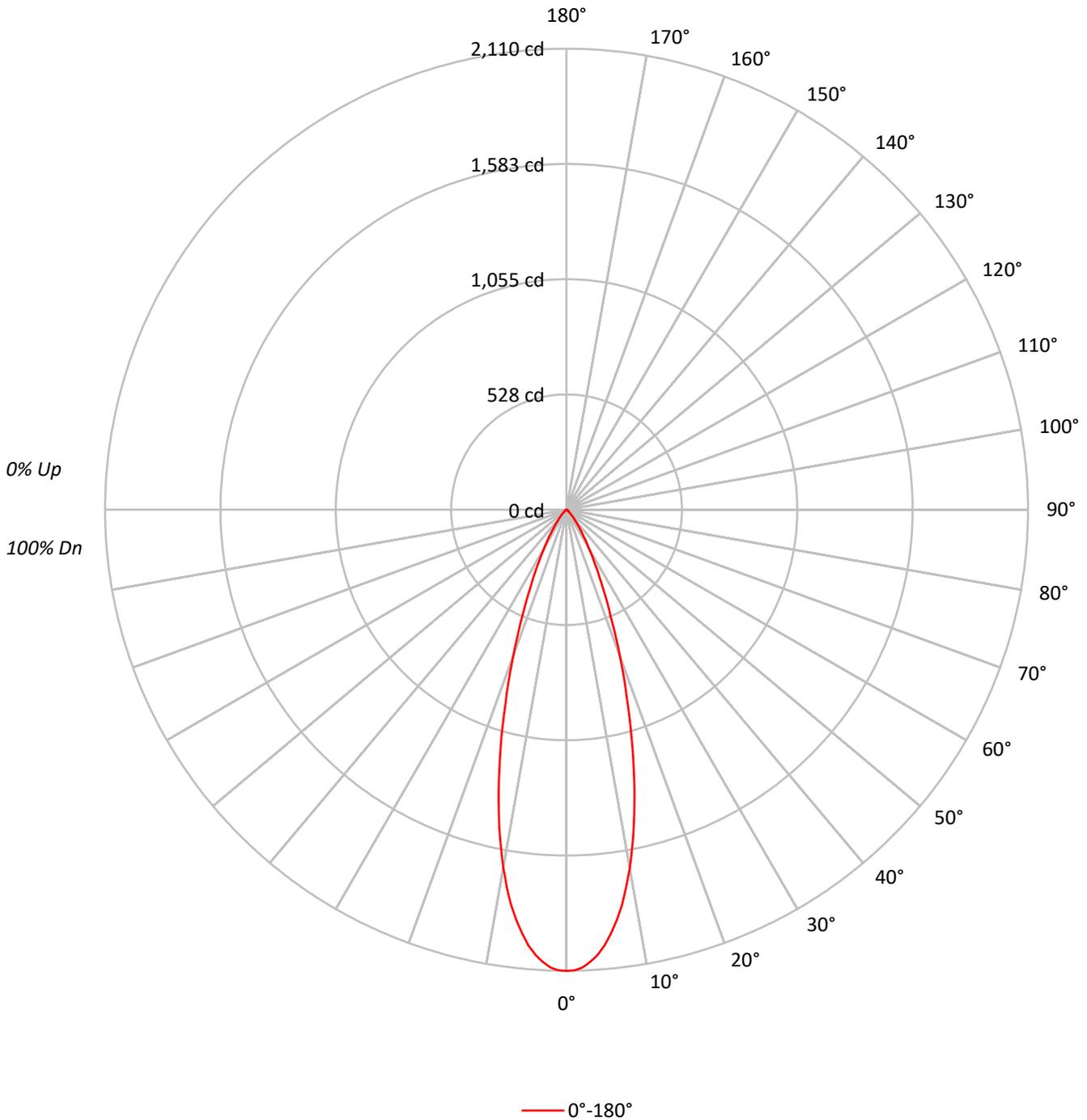
Test Method: LM-79-2019  
Report Number: P1274708  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R309830D010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 792.9 lumens  
Efficiency: N/A  
Efficacy: 28.9 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	86
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	82
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	85	82	79	78
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	81	78	76	75
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	79	75	73	71
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	76	72	70	69
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	73	70	67	66
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	71	67	65	63
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

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

	0°
0°	462748
5°	440435
10°	370467
15°	267175
20°	165728
25°	94239
30°	52362
35°	28482
40°	15000
45°	8125
50°	4332
55°	2867
60°	2631
65°	2698
70°	2372
75°	1864
80°	1894
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8125 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	180.2	22.7
10°-20°	320.3	40.4
20°-30°	185.1	23.3
30°-40°	70.3	8.9
40°-50°	21.6	2.7
50°-60°	7.3	0.9
60°-70°	4.9	0.6
70°-80°	2.6	0.3
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°	685.5	86.5
0°-40°	755.8	95.3
0°-60°	784.6	98.9
0°-90°	792.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	792.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2110	
5°	2001	180
15°	1177	320
25°	390	185
35°	106	70
45°	26	22
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2110.3
1°	2108.8
2°	2096.0
3°	2072.1
4°	2042.1
5°	2000.9
6°	1948.5
7°	1890.0
8°	1824.9
9°	1746.9
10°	1663.8
11°	1573.9
12°	1478.8
13°	1379.1
14°	1278.0
15°	1176.9
17.5°	928.2
20°	710.2
22.5°	526.6
25°	389.5
27.5°	283.2
30°	206.8
32.5°	149.1
35°	106.4
37.5°	74.2
40°	52.4
42.5°	36.7
45°	26.2
47.5°	18.0
50°	12.7
52.5°	9.0
55°	7.5
57.5°	6.7
60°	6.0
62.5°	5.2
65°	5.2
67.5°	4.5
70°	3.7
72.5°	3.0
75°	2.2
77.5°	2.2
80°	1.5
82.5°	1.5
85°	0.7
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)