

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: P1276981

Luminaire Tested: P3AS20R659835D010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

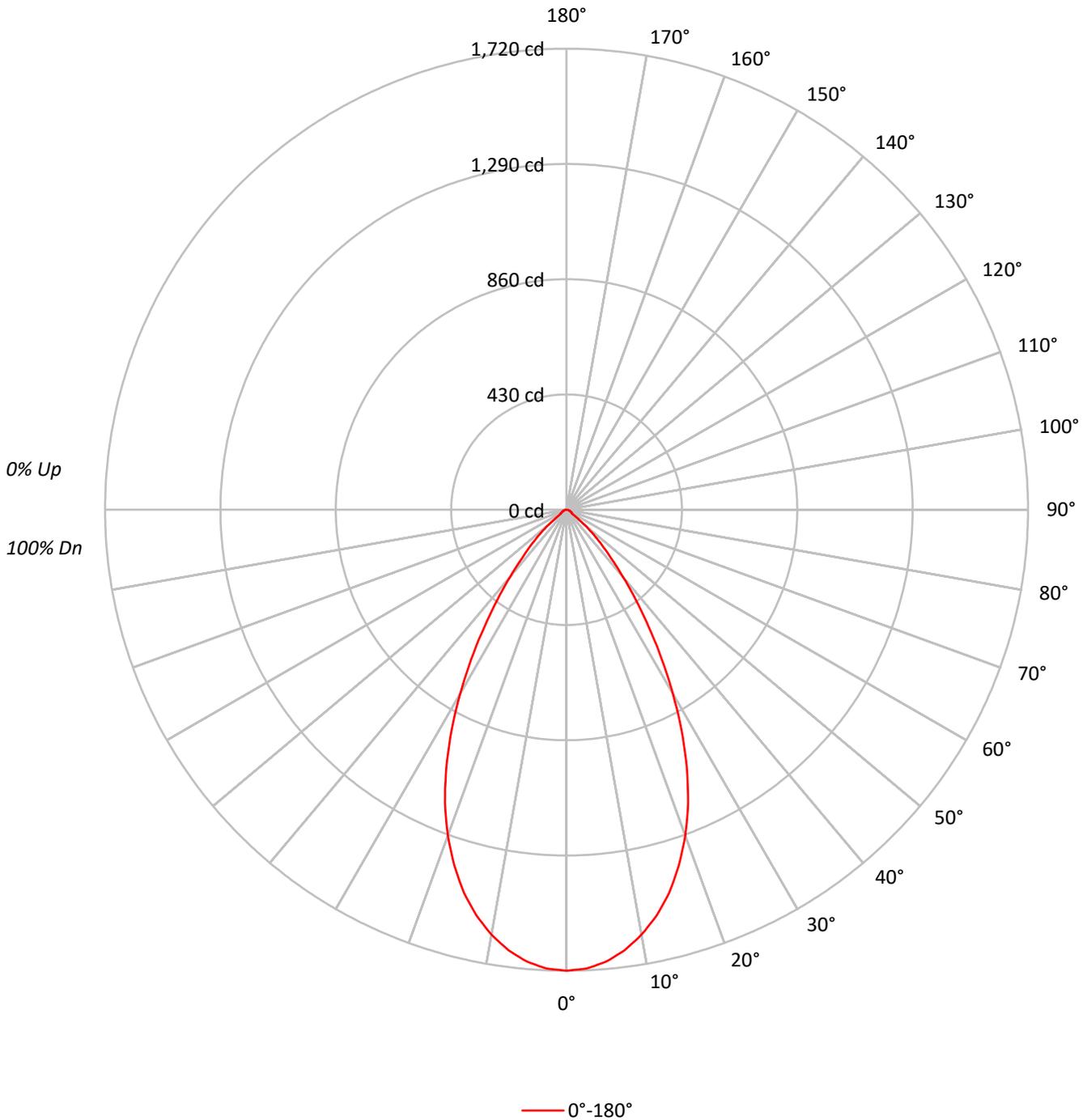
Test Method: LM-79-2019  
Report Number: P1276981  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R659835D010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1599.0 lumens  
Efficiency: N/A  
Efficacy: 58.4 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 27.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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			
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79			
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73			
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68			
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63			
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58			
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48			

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

	0°
0°	377097
5°	372572
10°	358421
15°	335757
20°	301983
25°	256442
30°	200563
35°	142921
40°	93518
45°	57835
50°	29372
55°	10360
60°	9078
65°	9080
70°	8207
75°	8133
80°	8082
85°	8051

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 57835 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	158.9	9.9
10°-20°	411.6	25.7
20°-30°	481.1	30.1
30°-40°	336.2	21.0
40°-50°	148.0	9.3
50°-60°	32.9	2.1
60°-70°	16.7	1.0
70°-80°	10.1	0.6
80°-90°	3.5	0.2
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°	1051.6	65.8
0°-40°	1387.8	86.8
0°-60°	1568.7	98.1
0°-90°	1599.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1599.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1720	
5°	1693	159
15°	1479	412
25°	1060	481
35°	534	336
45°	186	148
55°	27	33
65°	18	17
75°	10	10
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1719.7
2.5°	1713.3
5°	1692.6
7.5°	1657.5
10°	1609.7
12.5°	1550.7
15°	1479.0
17.5°	1391.4
20°	1294.1
22.5°	1184.2
25°	1059.9
27.5°	929.2
30°	792.1
32.5°	659.8
35°	533.9
37.5°	423.9
40°	326.7
42.5°	247.0
45°	186.5
47.5°	137.1
50°	86.1
52.5°	44.6
55°	27.1
57.5°	23.9
60°	20.7
62.5°	19.1
65°	17.5
67.5°	14.3
70°	12.8
72.5°	11.2
75°	9.6
77.5°	8.0
80°	6.4
82.5°	4.8
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)