

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: P1255011

Luminaire Tested: P3AS17R259035DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

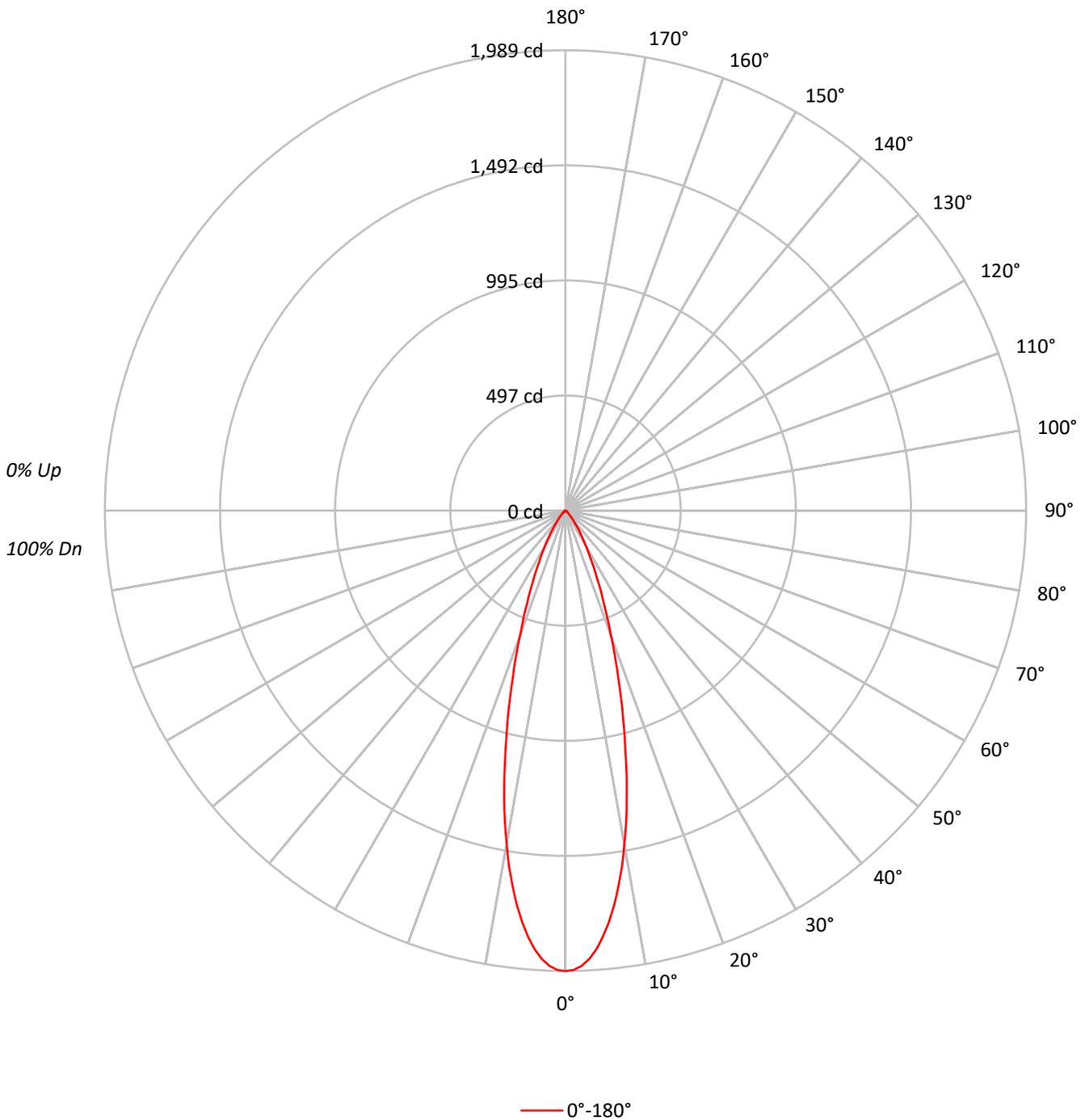
Test Method: LM-79-2019  
Report Number: P1255011  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R259035DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 679.9 lumens  
Efficiency: N/A  
Efficacy: 32.1 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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	97	97	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	92	92	92	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	87	87	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	83	83	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	79	79	79	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	76	76	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	73	73	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	70	70	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	67	67	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	65	65	65	64

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

	0°
0°	436193
5°	406955
10°	326002
15°	221295
20°	133898
25°	78295
30°	44589
35°	24521
40°	13024
45°	6853
50°	3991
55°	2982
60°	2544
65°	2698
70°	2500
75°	2203
80°	1642
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6853 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	164.1	24.1
10°-20°	268.0	39.4
20°-30°	153.1	22.5
30°-40°	60.4	8.9
40°-50°	18.5	2.7
50°-60°	7.3	1.1
60°-70°	4.9	0.7
70°-80°	2.7	0.4
80°-90°	0.9	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°	585.2	86.1
0°-40°	645.6	95.0
0°-60°	671.5	98.8
0°-90°	679.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	679.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1989	
5°	1849	164
15°	975	268
25°	324	153
35°	92	60
45°	22	19
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1989.2
1°	1985.3
2°	1969.1
3°	1940.5
4°	1900.8
5°	1848.8
6°	1787.8
7°	1718.9
8°	1638.9
9°	1557.1
10°	1464.1
11°	1372.5
12°	1271.8
13°	1172.3
14°	1070.3
15°	974.8
17.5°	755.8
20°	573.8
22.5°	430.9
25°	323.6
27.5°	239.8
30°	176.1
32.5°	127.4
35°	91.6
37.5°	65.0
40°	45.5
42.5°	31.2
45°	22.1
47.5°	15.6
50°	11.7
52.5°	9.1
55°	7.8
57.5°	7.1
60°	5.8
62.5°	5.2
65°	5.2
67.5°	4.5
70°	3.9
72.5°	3.2
75°	2.6
77.5°	1.9
80°	1.3
82.5°	1.3
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)