

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: P1267779

Luminaire Tested: P3AS17R309735DE010 E3D1H

Issue Date: 1/29/2026

**Test Information**

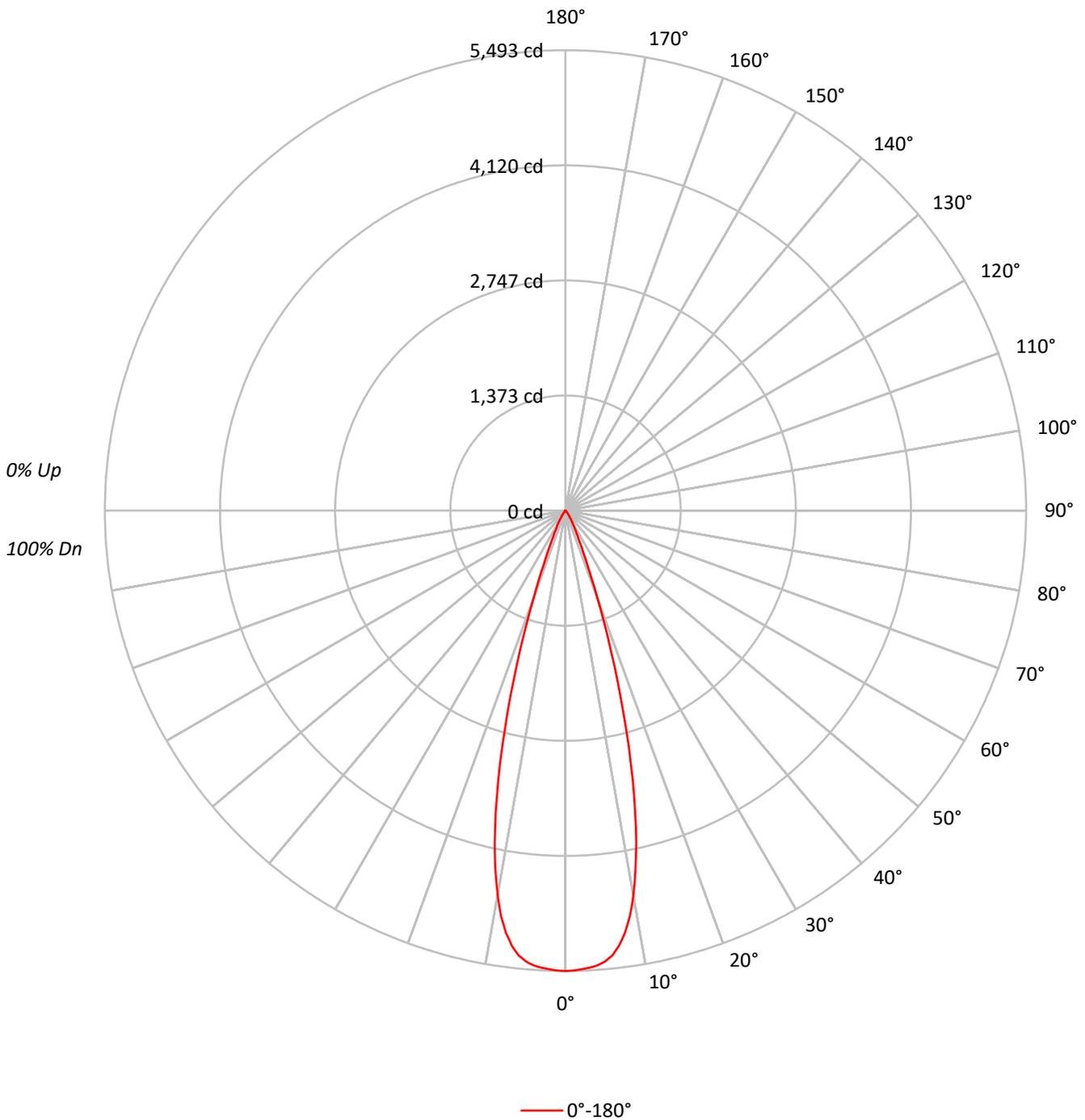
Test Method: LM-79-2019  
Report Number: P1267779  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309735DE010 E3D1H  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1514.1 lumens  
Efficiency: N/A  
Efficacy: 71.4 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47  
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

TEST NUMBER: P1267779  
CATALOG NUMBER: P3AS17R309735DE010 E3D1H

### Luminous Intensity Polar Plot





TEST NUMBER: P1267779

CATALOG NUMBER: P3AS17R309735DE010 E3D1H

**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	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	95	93	92	90
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	93	91	89	88
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	90	88	86	85
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	88	85	83	82
6	99	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	86	83	81	80
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	84	81	79	78
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	82	79	77	76
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	80	77	75	74
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	80	77	75	74

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

	0°
0°	1204575
5°	1188881
10°	1037990
15°	659754
20°	261403
25°	87320
30°	40614
35°	18417
40°	7070
45°	3473
50°	989
55°	459
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3473 cd/sqm



TEST NUMBER: P1267779  
 CATALOG NUMBER: P3AS17R309735DE010 E3D1H

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	493.8	32.6
10°-20°	765.8	50.6
20°-30°	197.5	13.0
30°-40°	46.4	3.1
40°-50°	9.1	0.6
50°-60°	1.0	0.1
60°-70°	0.5	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1457.0	96.2
0°-40°	1503.4	99.3
0°-60°	1513.5	100.0
0°-90°	1514.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1514.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	5493	
5°	5401	494
15°	2906	766
25°	361	197
35°	69	46
45°	11	9
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1267779  
CATALOG NUMBER: P3AS17R309735DE010 E3D1H

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	5493.3
1°	5489.2
2°	5476.3
3°	5461.6
4°	5439.9
5°	5401.1
6°	5338.2
7°	5233.6
8°	5090.8
9°	4904.5
10°	4661.7
11°	4373.2
12°	4058.2
13°	3695.5
14°	3315.9
15°	2906.2
16°	2504.8
17°	2118.1
18°	1747.3
19°	1407.0
20°	1120.2
21°	881.6
22°	693.5
23°	548.9
24°	439.6
25°	360.9
26°	300.9
27°	255.7
28°	221.0
29°	189.2
30°	160.4
32.5°	101.1
35°	68.8
37.5°	42.9
40°	24.7
42.5°	16.5
45°	11.2
47.5°	6.5
50°	2.9
52.5°	1.2
55°	1.2
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6



TEST NUMBER: P1267779  
CATALOG NUMBER: P3AS17R309735DE010 E3D1H

**CANDELA DISTRIBUTION (continued):**

	0°
67.5°	0.6
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)