

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: P1272407

Luminaire Tested: P3AS17R509827DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

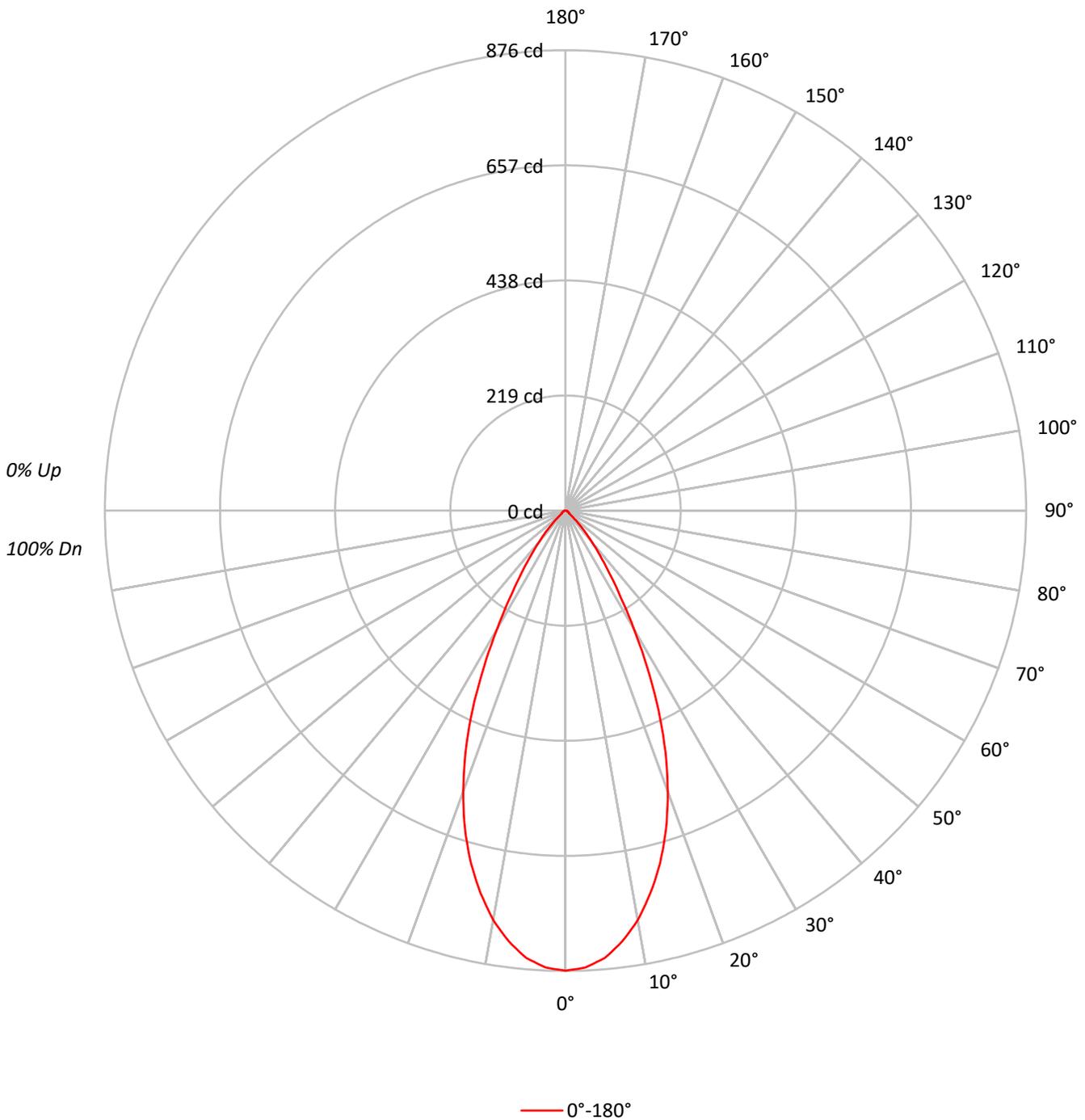
Test Method: LM-79-2019  
Report Number: P1272407  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R509827DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 603.0 lumens  
Efficiency: N/A  
Efficacy: 29.6 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.4  
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

TEST NUMBER: P1272407  
CATALOG NUMBER: P3AS17R509827DE010 E3DL1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1272407

CATALOG NUMBER: P3AS17R509827DE010 E3DL1GPH

**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	100	100	100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82	82	82	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76	76	76	76
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67	67	67	67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64	64	64	64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60	60	60	60
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57	57	57	57
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54	54	54	54

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

	0°
0°	191980
5°	188113
10°	176194
15°	157731
20°	132732
25°	101304
30°	65833
35°	39030
40°	22557
45°	11319
50°	4196
55°	3288
60°	3070
65°	2802
70°	2757
75°	2711
80°	2652
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11319 cd/sqm



TEST NUMBER: P1272407

CATALOG NUMBER: P3AS17R509827DE010 E3DL1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	79.5	13.2
10°-20°	192.2	31.9
20°-30°	188.5	31.3
30°-40°	95.0	15.7
40°-50°	30.0	5.0
50°-60°	7.8	1.3
60°-70°	5.5	0.9
70°-80°	3.4	0.6
80°-90°	1.2	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°	460.2	76.3
0°-40°	555.1	92.1
0°-60°	592.9	98.3
0°-90°	603.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	603.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	876	
5°	855	80
15°	695	192
25°	419	189
35°	146	95
45°	36	30
55°	9	8
65°	5	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1272407  
CATALOG NUMBER: P3AS17R509827DE010 E3DL1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	875.5
2.5°	870.2
5°	854.6
7.5°	826.7
10°	791.3
12.5°	745.8
15°	694.8
17.5°	635.9
20°	568.8
22.5°	496.5
25°	418.7
27.5°	336.2
30°	260.0
32.5°	195.7
35°	145.8
37.5°	107.8
40°	78.8
42.5°	55.8
45°	36.5
47.5°	20.9
50°	12.3
52.5°	9.1
55°	8.6
57.5°	7.5
60°	7.0
62.5°	6.4
65°	5.4
67.5°	4.8
70°	4.3
72.5°	3.8
75°	3.2
77.5°	2.7
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)