

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: P1249047

Luminaire Tested: P3AS09R659027DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

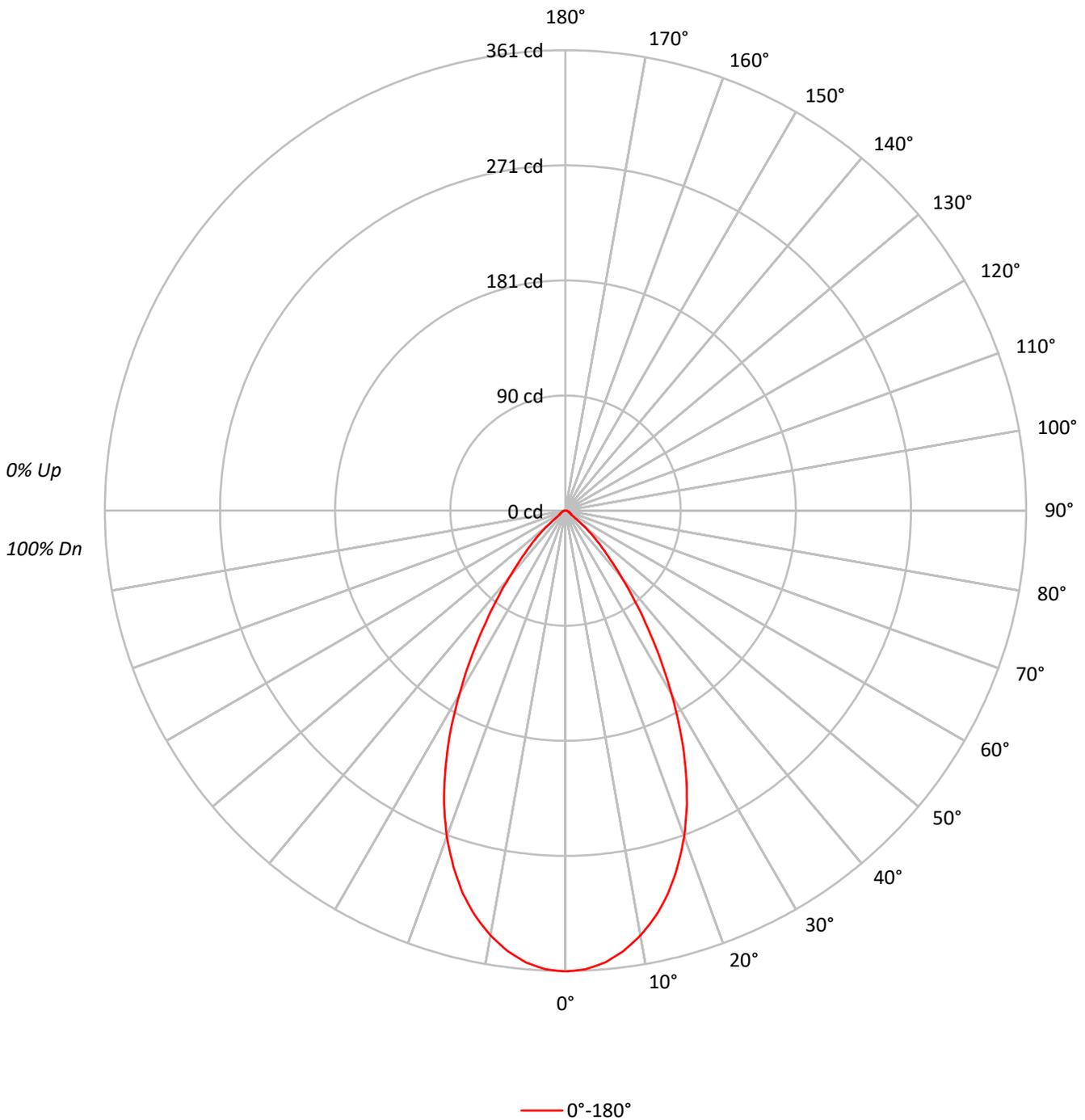
Test Method: LM-79-2019  
Report Number: P1249047  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R659027DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 336.0 lumens  
Efficiency: N/A  
Efficacy: 30.3 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): 11.1  
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: P1249047  
CATALOG NUMBER: P3AS09R659027DE010 E3DL1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1249047  
 CATALOG NUMBER: P3AS09R659027DE010 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
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79			79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73			73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68			68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63			63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58			58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48			48

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

	0°
0°	79248
5°	78296
10°	75305
15°	70557
20°	63449
25°	53882
30°	42133
35°	30035
40°	19665
45°	12156
50°	6175
55°	2179
60°	1930
65°	1920
70°	1731
75°	1694
80°	1642
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12156 cd/sqm



TEST NUMBER: P1249047

CATALOG NUMBER: P3AS09R659027DE010 E3DL1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.4	9.9
10°-20°	86.5	25.7
20°-30°	101.1	30.1
30°-40°	70.6	21.0
40°-50°	31.1	9.3
50°-60°	6.9	2.1
60°-70°	3.5	1.0
70°-80°	2.1	0.6
80°-90°	0.7	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°	221.0	65.8
0°-40°	291.6	86.8
0°-60°	329.6	98.1
0°-90°	336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	336.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	361	
5°	356	33
15°	311	86
25°	223	101
35°	112	71
45°	39	31
55°	6	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1249047

CATALOG NUMBER: P3AS09R659027DE010 E3DL1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	361.4
2.5°	360.0
5°	355.7
7.5°	348.3
10°	338.2
12.5°	325.9
15°	310.8
17.5°	292.4
20°	271.9
22.5°	248.8
25°	222.7
27.5°	195.2
30°	166.4
32.5°	138.6
35°	112.2
37.5°	89.1
40°	68.7
42.5°	51.9
45°	39.2
47.5°	28.8
50°	18.1
52.5°	9.4
55°	5.7
57.5°	5.0
60°	4.4
62.5°	4.0
65°	3.7
67.5°	3.0
70°	2.7
72.5°	2.3
75°	2.0
77.5°	1.7
80°	1.3
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)