

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: P1254146

Luminaire Tested: P3AS09R109035DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

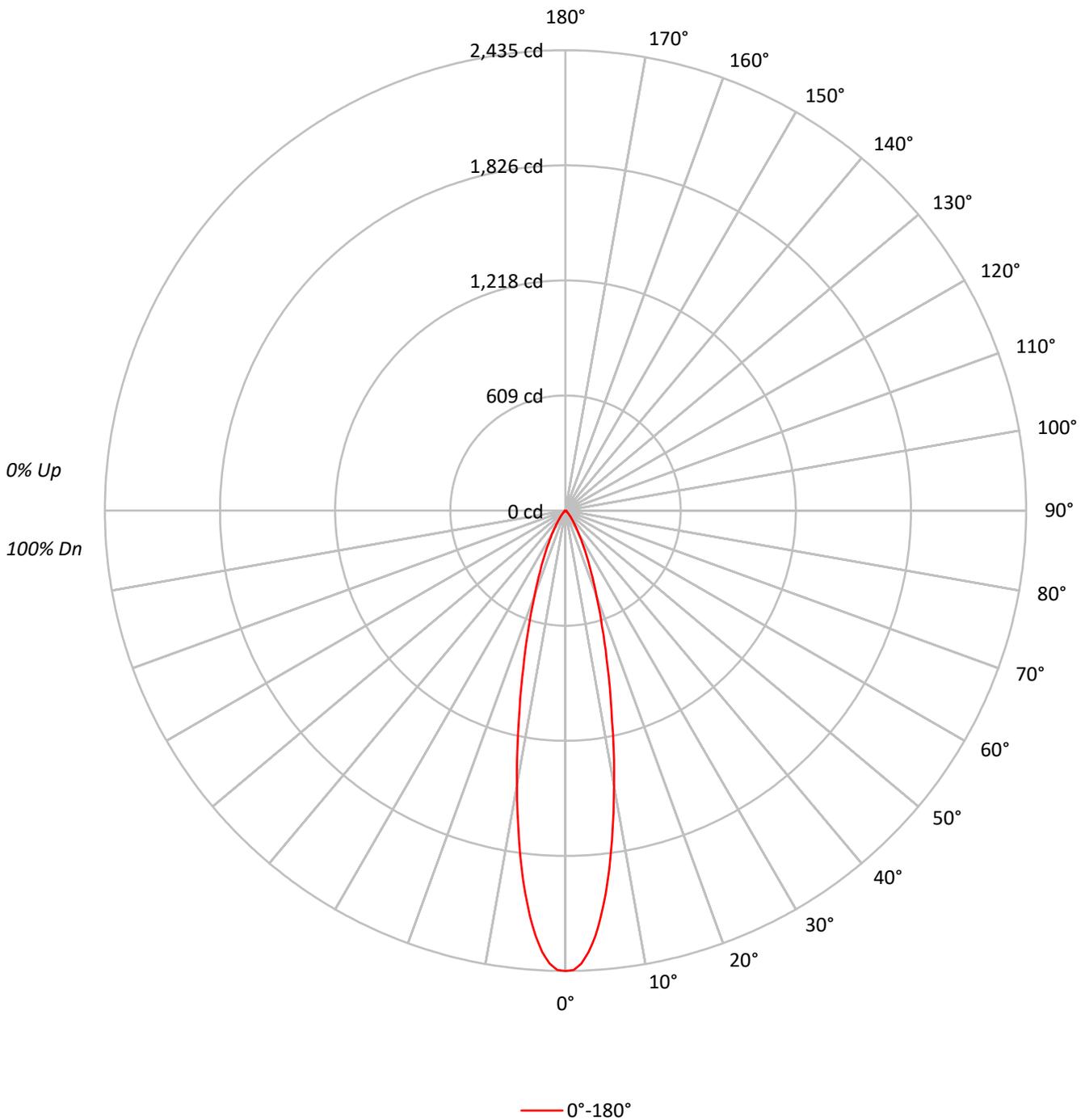
Test Method: LM-79-2019  
Report Number: P1254146  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R109035DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R10 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 624.9 lumens  
Efficiency: N/A  
Efficacy: 50.0 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.5  
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: P1254146  
CATALOG NUMBER: P3AS09R109035DE010 E3DL1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1254146

CATALOG NUMBER: P3AS09R109035DE010 E3DL1MW

**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	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	85	83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	76	73	78	75	73	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	68	67

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

	0°
0°	533905
5°	473937
10°	329119
15°	194644
20°	110843
25°	63367
30°	35069
35°	18685
40°	10334
45°	5613
50°	3480
55°	2753
60°	2368
65°	2179
70°	1923
75°	2033
80°	1515
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5613 cd/sqm



TEST NUMBER: P1254146  
 CATALOG NUMBER: P3AS09R109035DE010 E3DL1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	183.1	29.3
10°-20°	241.6	38.7
20°-30°	124.4	19.9
30°-40°	46.7	7.5
40°-50°	15.3	2.4
50°-60°	6.6	1.0
60°-70°	4.2	0.7
70°-80°	2.5	0.4
80°-90°	0.7	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°	549.1	87.9
0°-40°	595.8	95.3
0°-60°	617.7	98.8
0°-90°	624.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	624.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2435	
5°	2153	183
15°	857	242
25°	262	124
35°	70	47
45°	18	15
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1254146  
CATALOG NUMBER: P3AS09R109035DE010 E3DL1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2434.8
1°	2430.0
2°	2398.1
3°	2337.3
4°	2257.2
5°	2153.1
6°	2035.1
7°	1905.6
8°	1761.7
9°	1619.6
10°	1478.1
12.5°	1137.3
15°	857.4
17.5°	641.8
20°	475.0
22.5°	354.6
25°	261.9
27.5°	190.9
30°	138.5
32.5°	98.1
35°	69.8
37.5°	50.0
40°	36.1
42.5°	25.9
45°	18.1
47.5°	13.2
50°	10.2
52.5°	8.4
55°	7.2
57.5°	6.0
60°	5.4
62.5°	4.8
65°	4.2
67.5°	3.6
70°	3.0
72.5°	3.0
75°	2.4
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)