

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: P1259548

Luminaire Tested: P3AS09R259050DE010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

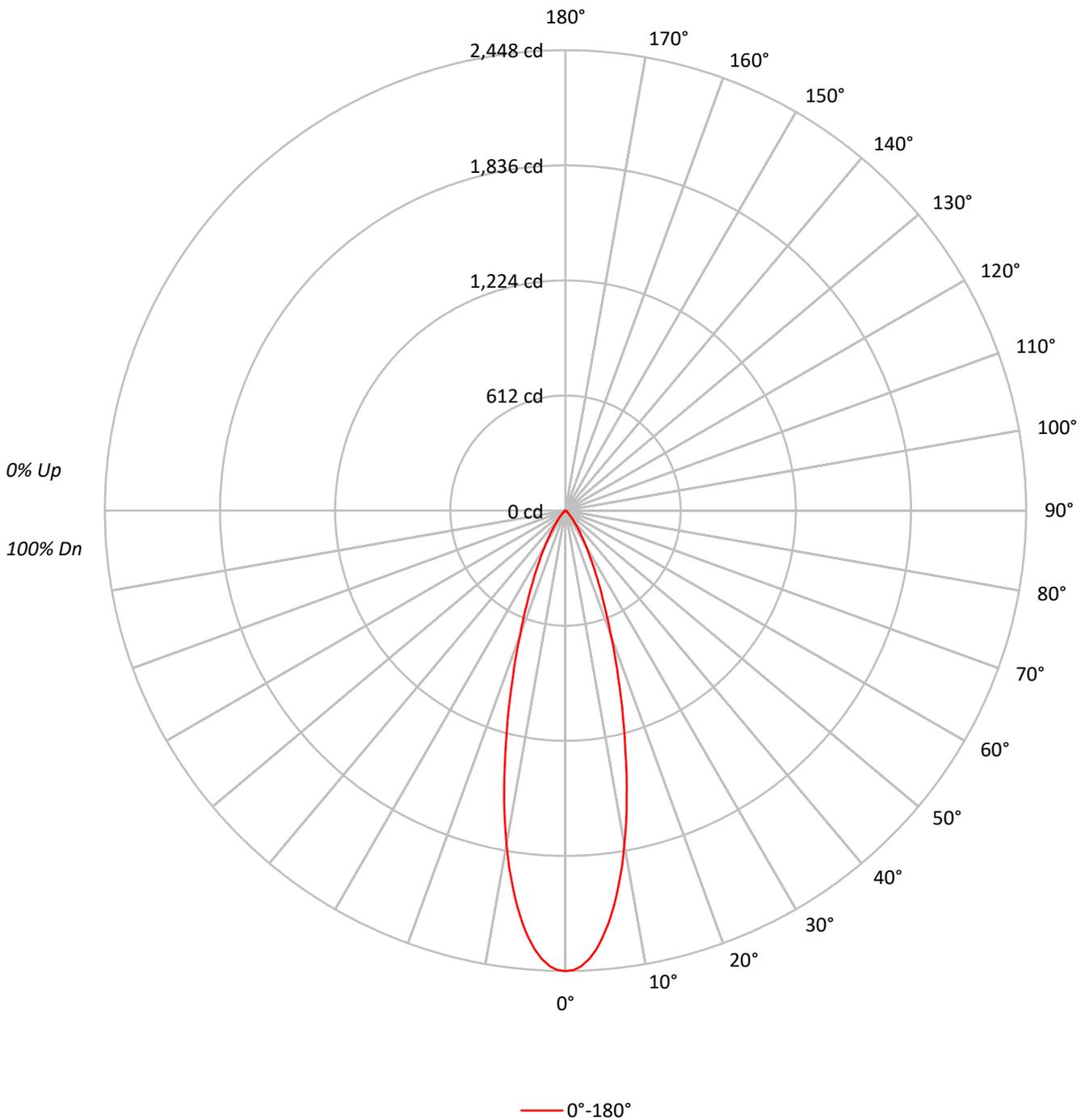
Test Method: LM-79-2019  
Report Number: P1259548  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R259050DE010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 837.0 lumens  
Efficiency: N/A  
Efficacy: 75.4 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): 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: P1259548  
CATALOG NUMBER: P3AS09R259050DE010 E3DLP1WH

### Luminous Intensity Polar Plot





TEST NUMBER: P1259548

CATALOG NUMBER: P3AS09R259050DE010 E3DLP1WH

**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	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64	64

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

	0°
0°	536909
5°	500923
10°	401284
15°	272374
20°	164818
25°	96368
30°	54895
35°	30196
40°	16030
45°	8435
50°	4912
55°	3670
60°	3158
65°	3321
70°	3077
75°	2711
80°	2020
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8435 cd/sqm



TEST NUMBER: P1259548  
 CATALOG NUMBER: P3AS09R259050DE010 E3DLP1WH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	201.9	24.1
10°-20°	329.9	39.4
20°-30°	188.5	22.5
30°-40°	74.4	8.9
40°-50°	22.8	2.7
50°-60°	9.0	1.1
60°-70°	6.0	0.7
70°-80°	3.4	0.4
80°-90°	1.1	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°	720.3	86.1
0°-40°	794.7	94.9
0°-60°	826.5	98.7
0°-90°	837.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	837.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2448	
5°	2276	202
15°	1200	330
25°	398	188
35°	113	74
45°	27	23
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1259548  
CATALOG NUMBER: P3AS09R259050DE010 E3DLP1WH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2448.5
1°	2443.7
2°	2423.7
3°	2388.5
4°	2339.7
5°	2275.7
6°	2200.5
7°	2115.7
8°	2017.3
9°	1916.5
10°	1802.2
11°	1689.4
12°	1565.4
13°	1443.0
14°	1317.4
15°	1199.8
17.5°	930.3
20°	706.3
22.5°	530.3
25°	398.3
27.5°	295.2
30°	216.8
32.5°	156.8
35°	112.8
37.5°	80.0
40°	56.0
42.5°	38.4
45°	27.2
47.5°	19.2
50°	14.4
52.5°	11.2
55°	9.6
57.5°	8.8
60°	7.2
62.5°	6.4
65°	6.4
67.5°	5.6
70°	4.8
72.5°	4.0
75°	3.2
77.5°	2.4
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.8



TEST NUMBER: P1259548  
CATALOG NUMBER: P3AS09R259050DE010 E3DLP1WH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)