

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: P1259569

Luminaire Tested: P3AS09R309050DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

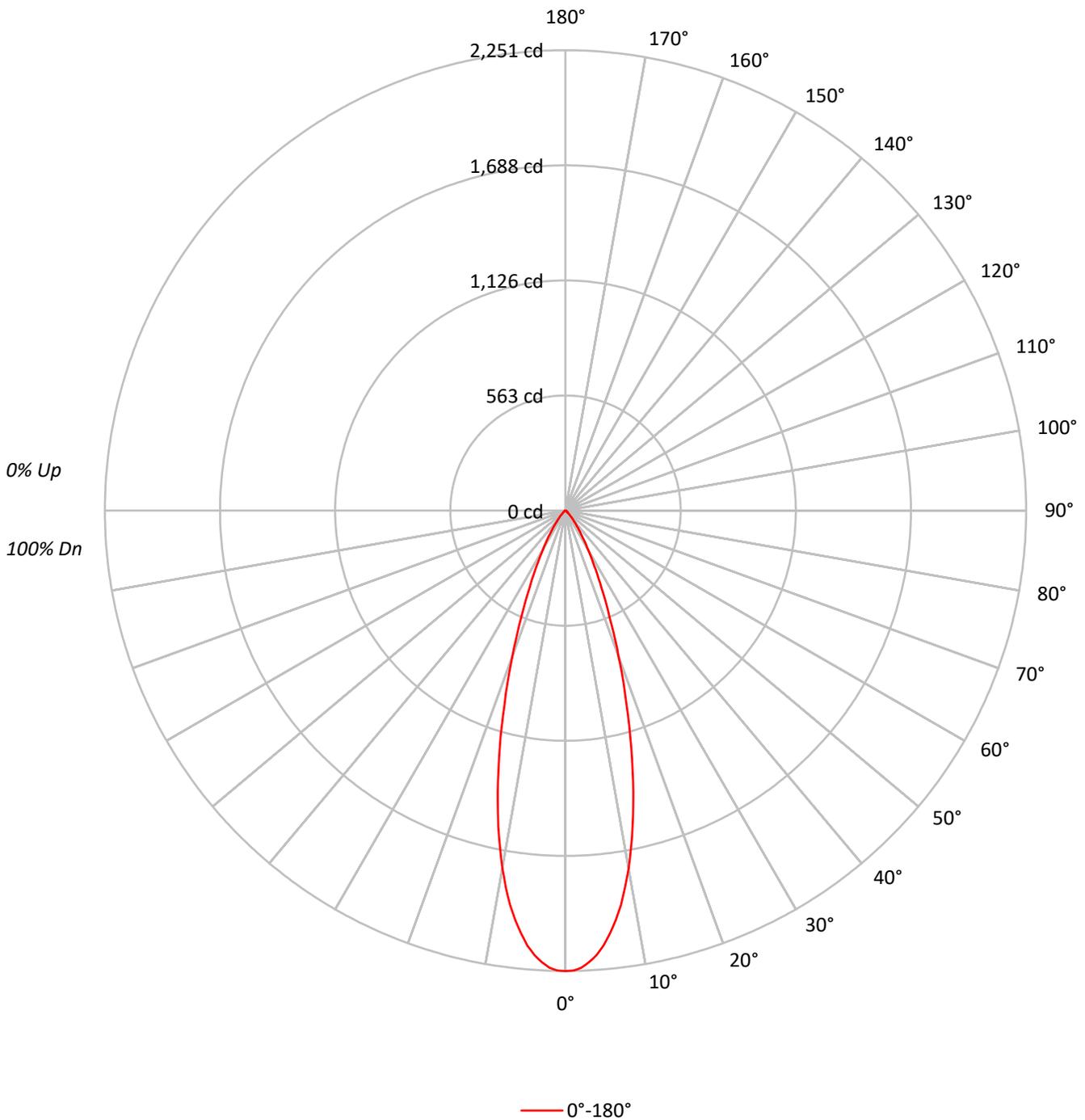
Test Method: LM-79-2019  
Report Number: P1259569  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R309050DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 846.0 lumens  
Efficiency: N/A  
Efficacy: 76.2 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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

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### Luminous Intensity Polar Plot





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**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	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	85	82	79	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	81	78	76	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	79	75	73	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	76	72	70	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	73	70	67	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

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

	0°
0°	493667
5°	469865
10°	395228
15°	285019
20°	176789
25°	100554
30°	55857
35°	30383
40°	16001
45°	8683
50°	4640
55°	3058
60°	2807
65°	2906
70°	2565
75°	2033
80°	2020
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8683 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	192.2	22.7
10°-20°	341.7	40.4
20°-30°	197.5	23.3
30°-40°	74.9	8.9
40°-50°	23.0	2.7
50°-60°	7.8	0.9
60°-70°	5.2	0.6
70°-80°	2.8	0.3
80°-90°	0.9	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°	731.4	86.4
0°-40°	806.3	95.3
0°-60°	837.1	98.9
0°-90°	846.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	846.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2251	
5°	2135	192
15°	1256	342
25°	416	197
35°	114	75
45°	28	23
55°	8	8
65°	6	5
75°	2	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2251.3
1°	2249.7
2°	2236.1
3°	2210.5
4°	2178.6
5°	2134.6
6°	2078.7
7°	2016.3
8°	1946.8
9°	1863.7
10°	1775.0
11°	1679.1
12°	1577.6
13°	1471.3
14°	1363.4
15°	1255.5
17.5°	990.2
20°	757.6
22.5°	561.8
25°	415.6
27.5°	302.1
30°	220.6
32.5°	159.0
35°	113.5
37.5°	79.1
40°	55.9
42.5°	39.2
45°	28.0
47.5°	19.2
50°	13.6
52.5°	9.6
55°	8.0
57.5°	7.2
60°	6.4
62.5°	5.6
65°	5.6
67.5°	4.8
70°	4.0
72.5°	3.2
75°	2.4
77.5°	2.4
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)