

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: P1251641

Luminaire Tested: P3AS09R459030DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

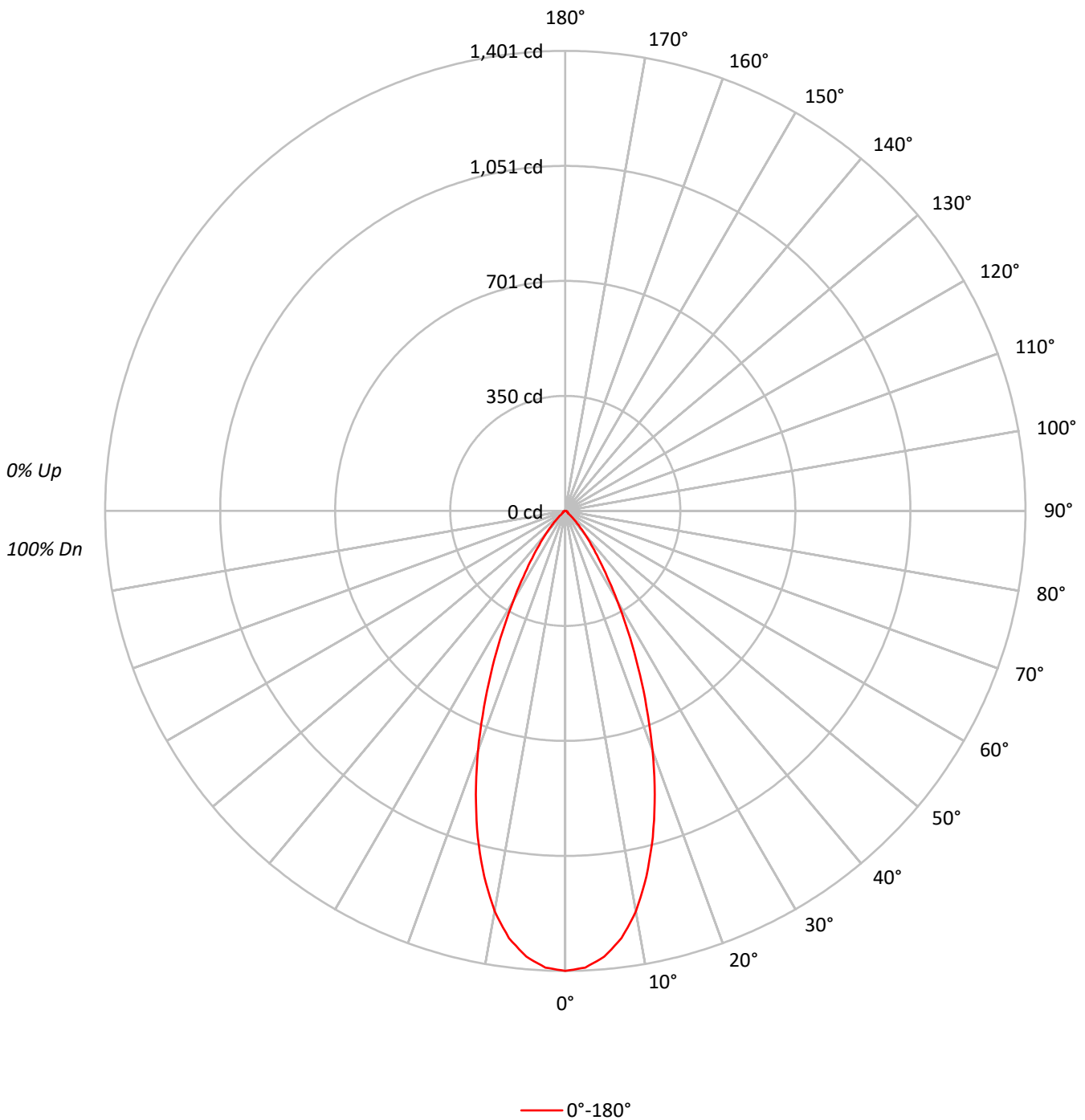
Test Method: LM-79-2019  
Report Number: P1251641  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R459030DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 818.0 lumens  
Efficiency: N/A  
Efficacy: 73.7 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69  
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	100	100	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88	88	88	88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83	83	83	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78	78	78	78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74	74	74	74
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70	70	70	70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66	66	66	66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62	62	62	62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59	59	59	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57	57	57	57

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

	0°
0°	307190
5°	299977
10°	275769
15°	233668
20°	181292
25°	126733
30°	79835
35°	47007
40°	26593
45°	12932
50°	4503
55°	3632
60°	3508
65°	3424
70°	3270
75°	3135
80°	2778
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12932 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	126.2	15.4
10°-20°	282.6	34.6
20°-30°	240.0	29.3
30°-40°	114.5	14.0
40°-50°	34.5	4.2
50°-60°	8.7	1.1
60°-70°	6.5	0.8
70°-80°	3.9	0.5
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°	648.8	79.3
0°-40°	763.3	93.3
0°-60°	806.5	98.6
0°-90°	818.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	818.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1401	
5°	1363	126
15°	1029	283
25°	524	240
35°	176	115
45°	42	34
55°	10	9
65°	7	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1400.9
2.5°	1392.1
5°	1362.8
7.5°	1312.4
10°	1238.5
12.5°	1140.5
15°	1029.3
17.5°	905.6
20°	776.9
22.5°	645.9
25°	523.8
27.5°	412.6
30°	315.3
32.5°	237.0
35°	175.6
37.5°	129.5
40°	92.9
42.5°	64.4
45°	41.7
47.5°	23.4
50°	13.2
52.5°	10.2
55°	9.5
57.5°	8.8
60°	8.0
62.5°	7.3
65°	6.6
67.5°	5.9
70°	5.1
72.5°	4.4
75°	3.7
77.5°	2.9
80°	2.2
82.5°	1.5
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)