

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: P1254530

Luminaire Tested: P3AS10R129035DE010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

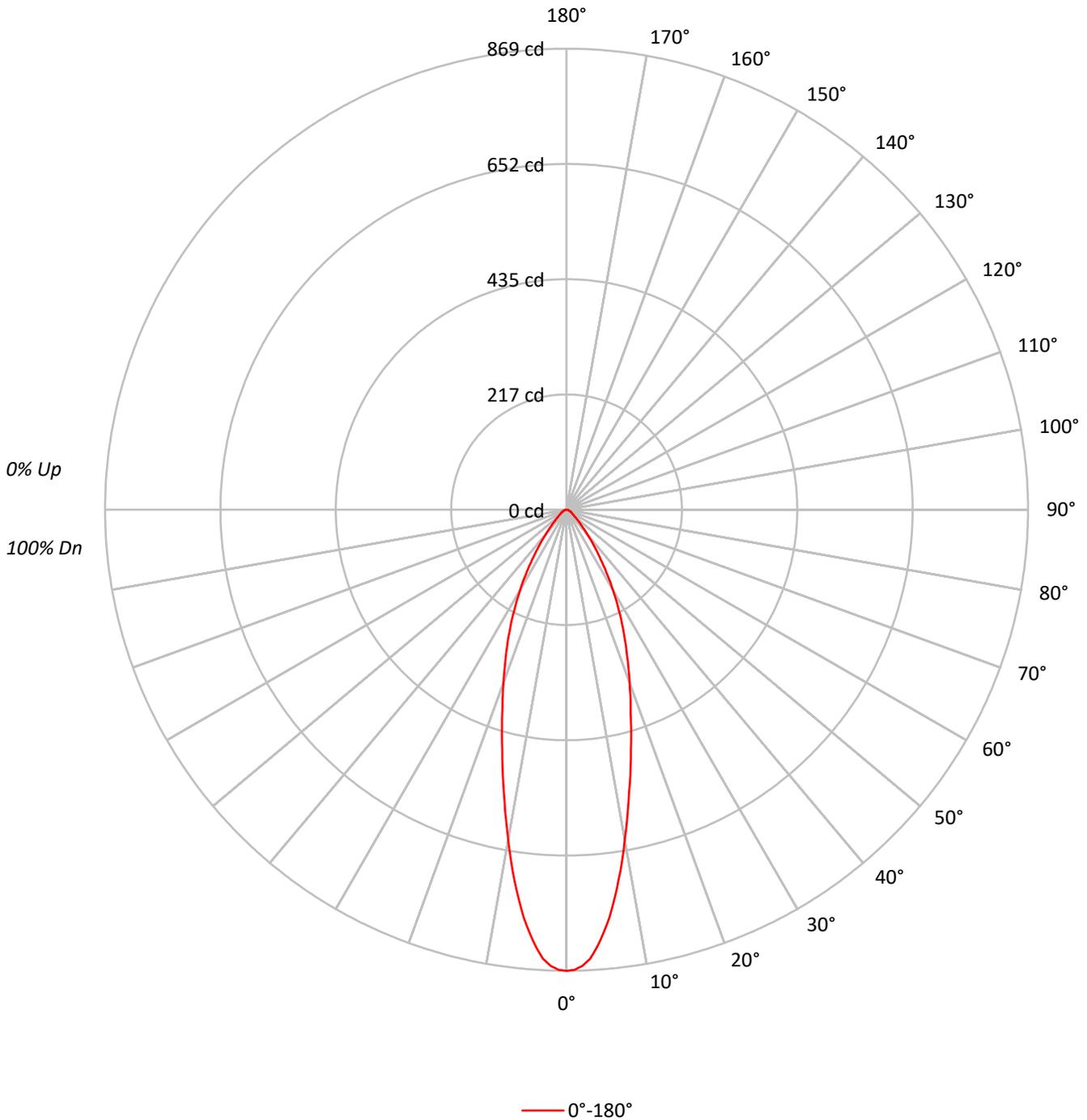
Test Method: LM-79-2019  
Report Number: P1254530  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS10R129035DE010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 442.0 lumens  
Efficiency: N/A  
Efficacy: 37.8 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.7  
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				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	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

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

	0°
0°	190599
5°	176161
10°	140634
15°	106244
20°	80904
25°	61649
30°	44159
35°	28830
40°	17662
45°	10699
50°	7096
55°	5505
60°	4736
65°	4099
70°	3654
75°	3643
80°	2778
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10699 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.9	16.0
10°-20°	130.8	29.6
20°-30°	116.5	26.3
30°-40°	68.9	15.6
40°-50°	28.3	6.4
50°-60°	13.3	3.0
60°-70°	8.1	1.8
70°-80°	4.3	1.0
80°-90°	1.1	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°	318.2	72.0
0°-40°	387.0	87.6
0°-60°	428.6	97.0
0°-90°	442.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	442.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	869	
5°	800	71
15°	468	131
25°	255	116
35°	108	69
45°	34	28
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	869.2
1°	867.1
2°	860.6
3°	847.7
4°	826.1
5°	800.3
6°	772.3
7°	739.3
8°	704.8
9°	669.7
10°	631.6
12.5°	544.8
15°	468.0
17.5°	401.9
20°	346.7
22.5°	297.9
25°	254.8
27.5°	213.2
30°	174.4
32.5°	139.2
35°	107.7
37.5°	82.5
40°	61.7
42.5°	45.9
45°	34.5
47.5°	26.6
50°	20.8
52.5°	17.2
55°	14.4
57.5°	12.2
60°	10.8
62.5°	9.3
65°	7.9
67.5°	7.2
70°	5.7
72.5°	5.0
75°	4.3
77.5°	2.9
80°	2.2
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)