

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: P1264913

Luminaire Tested: P3A10R129730DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

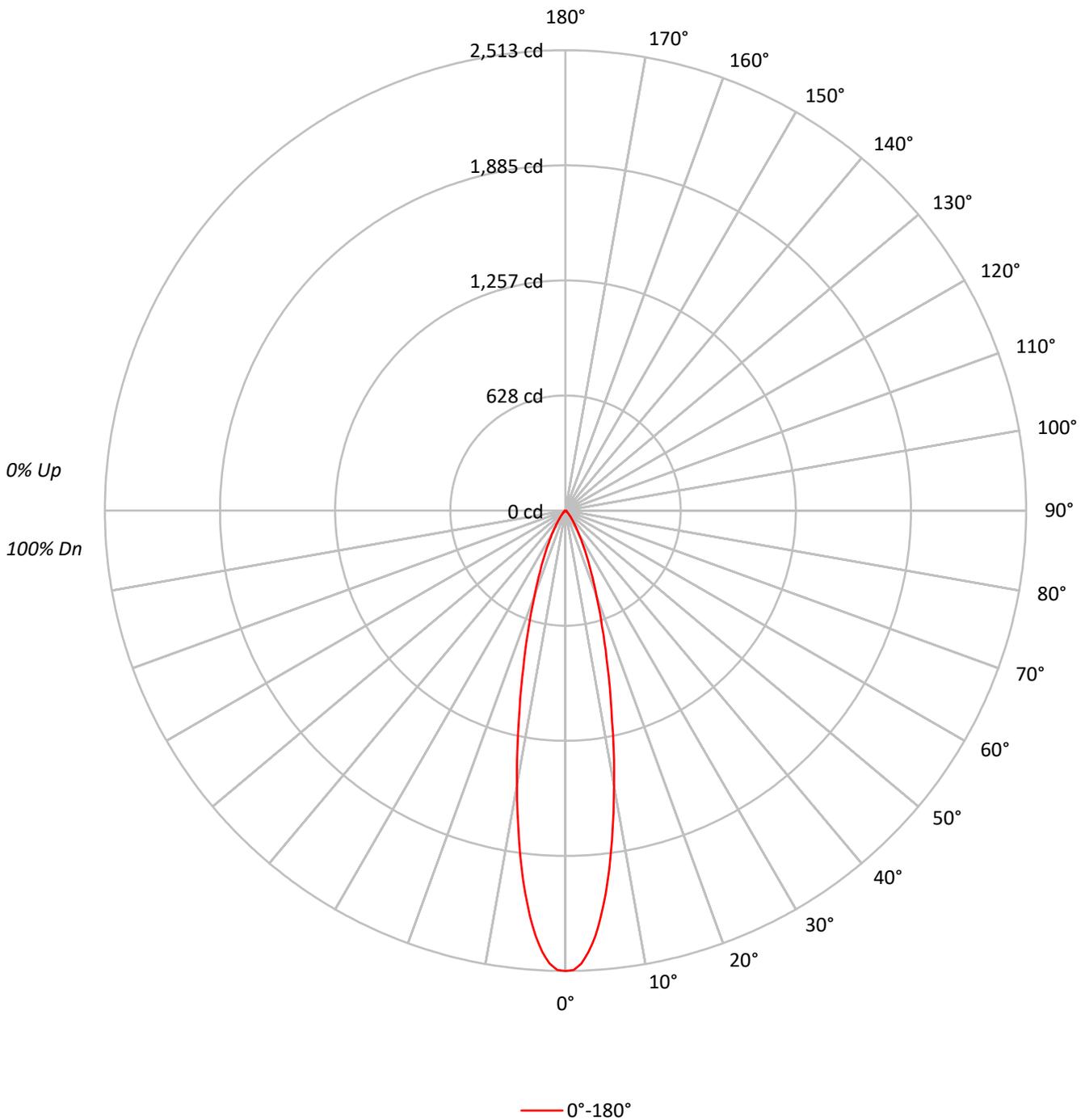
Test Method: LM-79-2019  
Report Number: P1264913  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A10R129730DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 645.0 lumens  
Efficiency: N/A  
Efficacy: 55.1 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): 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				
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	85	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	75	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°	551008
5°	489103
10°	339651
15°	200864
20°	114390
25°	65399
30°	36183
35°	19301
40°	10677
45°	5768
50°	3616
55°	2867
60°	2456
65°	2231
70°	1988
75°	2118
80°	1515
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5768 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	188.9	29.3
10°-20°	249.4	38.7
20°-30°	128.4	19.9
30°-40°	48.2	7.5
40°-50°	15.8	2.4
50°-60°	6.8	1.1
60°-70°	4.3	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°	566.7	87.9
0°-40°	614.9	95.3
0°-60°	637.5	98.8
0°-90°	645.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	645.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2513	
5°	2222	189
15°	885	249
25°	270	128
35°	72	48
45°	19	16
55°	8	7
65°	4	4
75°	2	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2512.8
1°	2507.8
2°	2474.9
3°	2412.1
4°	2329.5
5°	2222.0
6°	2100.2
7°	1966.6
8°	1818.1
9°	1671.4
10°	1525.4
12.5°	1173.7
15°	884.8
17.5°	662.4
20°	490.2
22.5°	366.0
25°	270.3
27.5°	197.0
30°	142.9
32.5°	101.3
35°	72.1
37.5°	51.6
40°	37.3
42.5°	26.7
45°	18.6
47.5°	13.7
50°	10.6
52.5°	8.7
55°	7.5
57.5°	6.2
60°	5.6
62.5°	5.0
65°	4.3
67.5°	3.7
70°	3.1
72.5°	3.1
75°	2.5
77.5°	1.9
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)