

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: P1296491

Luminaire Tested: P3AS13R30W2N902765DE010 E3CD1MW\_5000K

Issue Date: 1/30/2026

**Test Information**

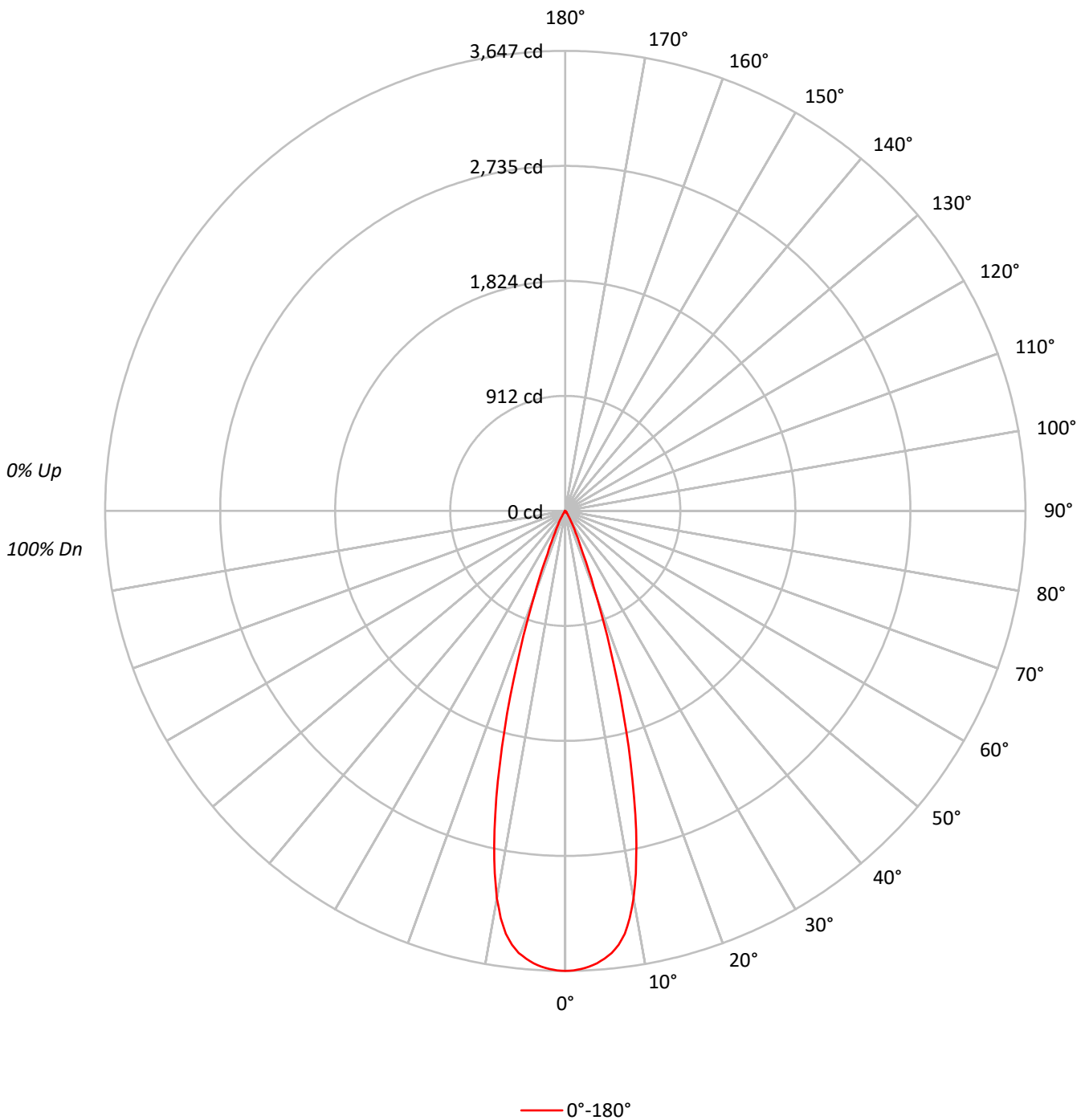
Test Method: LM-79-2019  
Report Number: P1296491  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R30W2N902765DE010 E3CD1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,  
E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 982.0 lumens  
Efficiency: N/A  
Efficacy: 79.8 lumens/watt  
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.3  
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	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	98	96	95	97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	95	94	92	94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92	93	91	89	91
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	93	91	89	88
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	87	91	88	87	85
6	99	93	89	86	98	92	88	86	91	88	85	90	87	85	89	86	84	89	86	84	83
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	86	84	82	81
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80	84	82	80	79
9	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	79	77	82	79	77	77
10	89	83	79	76	88	82	78	76	82	78	76	81	78	76	80	77	75	80	77	75	75

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

	0°
0°	799673
5°	784568
10°	694532
15°	440025
20°	167035
25°	49454
30°	19522
35°	5996
40°	2662
45°	961
50°	785
55°	573
60°	658
65°	778
70°	513
75°	678
80°	1010
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 1010 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	327.7	33.4
10°-20°	510.6	52.0
20°-30°	118.6	12.1
30°-40°	18.4	1.9
40°-50°	3.1	0.3
50°-60°	1.4	0.1
60°-70°	1.2	0.1
70°-80°	0.8	0.1
80°-90°	0.1	0.0
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°	956.9	97.4
0°-40°	975.3	99.3
0°-60°	979.8	99.8
0°-90°	982.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	982.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3647	
5°	3564	328
15°	1938	511
25°	204	119
35°	22	18
45°	3	3
55°	2	1
65°	2	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3646.8
1°	3644.5
2°	3634.5
3°	3617.5
4°	3595.9
5°	3564.3
6°	3525.0
7°	3466.3
8°	3386.1
9°	3268.1
10°	3119.2
11°	2927.2
12°	2710.4
13°	2469.8
14°	2205.2
15°	1938.3
17.5°	1268.1
20°	715.8
22.5°	365.6
25°	204.4
27.5°	125.7
30°	77.1
32.5°	41.7
35°	22.4
37.5°	14.7
40°	9.3
42.5°	5.4
45°	3.1
47.5°	2.3
50°	2.3
52.5°	1.5
55°	1.5
57.5°	1.5
60°	1.5
62.5°	1.5
65°	1.5
67.5°	0.8
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.8
80°	0.8
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)