

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: P1302055

Luminaire Tested: P3AS17R60W2N902750DE010 E3DL1MW\_3000K

Issue Date: 1/30/2026

**Test Information**

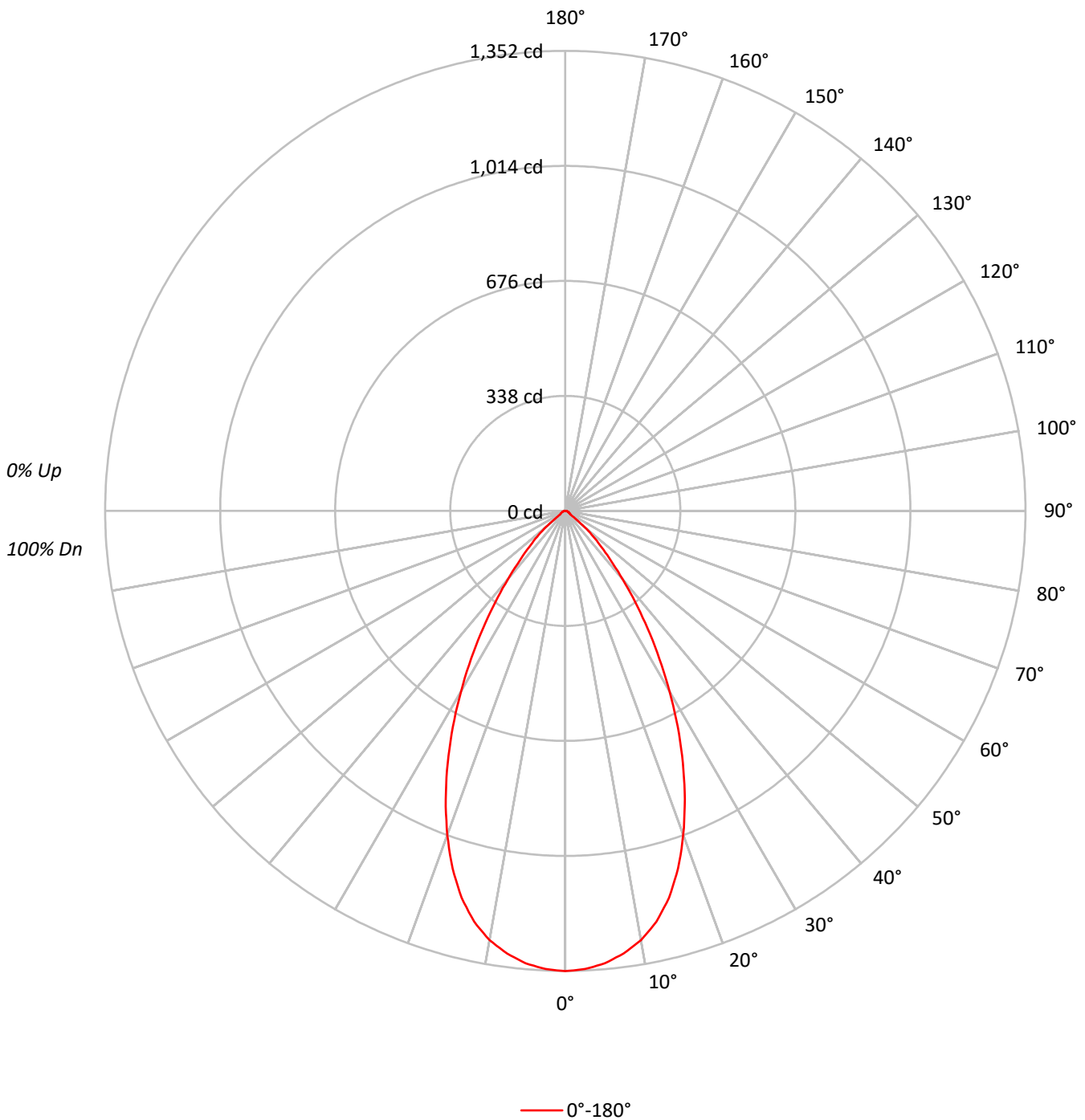
Test Method: LM-79-2019  
Report Number: P1302055  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R60W2N902750DE010 E3DL1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,  
E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1256.0 lumens  
Efficiency: N/A  
Efficacy: 64.7 lumens/watt  
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.4  
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		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94		93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87		85
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80		79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75		73
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69		68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64		63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	67	63	60		59
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56		55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53		51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49		48

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

	0°
0°	296577
5°	293770
10°	285210
15°	267198
20°	236504
25°	197842
30°	155062
35°	112484
40°	74826
45°	46640
50°	25244
55°	7302
60°	6798
65°	6174
70°	6155
75°	6100
80°	6061
85°	6038

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 46640 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	125.7	10.0
10°-20°	326.6	26.0
20°-30°	372.2	29.6
30°-40°	264.0	21.0
40°-50°	119.8	9.5
50°-60°	25.4	2.0
60°-70°	12.2	1.0
70°-80°	7.6	0.6
80°-90°	2.6	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°	824.4	65.6
0°-40°	1088.4	86.7
0°-60°	1233.6	98.2
0°-90°	1256.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1256.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1352	
5°	1335	126
15°	1177	327
25°	818	372
35°	420	264
45°	150	120
55°	19	25
65°	12	12
75°	7	8
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1352.5
2.5°	1347.7
5°	1334.6
7.5°	1311.9
10°	1280.9
12.5°	1236.7
15°	1177.0
17.5°	1101.8
20°	1013.5
22.5°	918.0
25°	817.7
27.5°	715.1
30°	612.4
32.5°	514.5
35°	420.2
37.5°	336.6
40°	261.4
42.5°	198.2
45°	150.4
47.5°	112.2
50°	74.0
52.5°	34.6
55°	19.1
57.5°	16.7
60°	15.5
62.5°	14.3
65°	11.9
67.5°	10.7
70°	9.6
72.5°	8.4
75°	7.2
77.5°	6.0
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)