

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: P1298355

Luminaire Tested: P3AS13R60W2N902765DE010 E3CD1MB\_4000K

Issue Date: 1/30/2026

**Test Information**

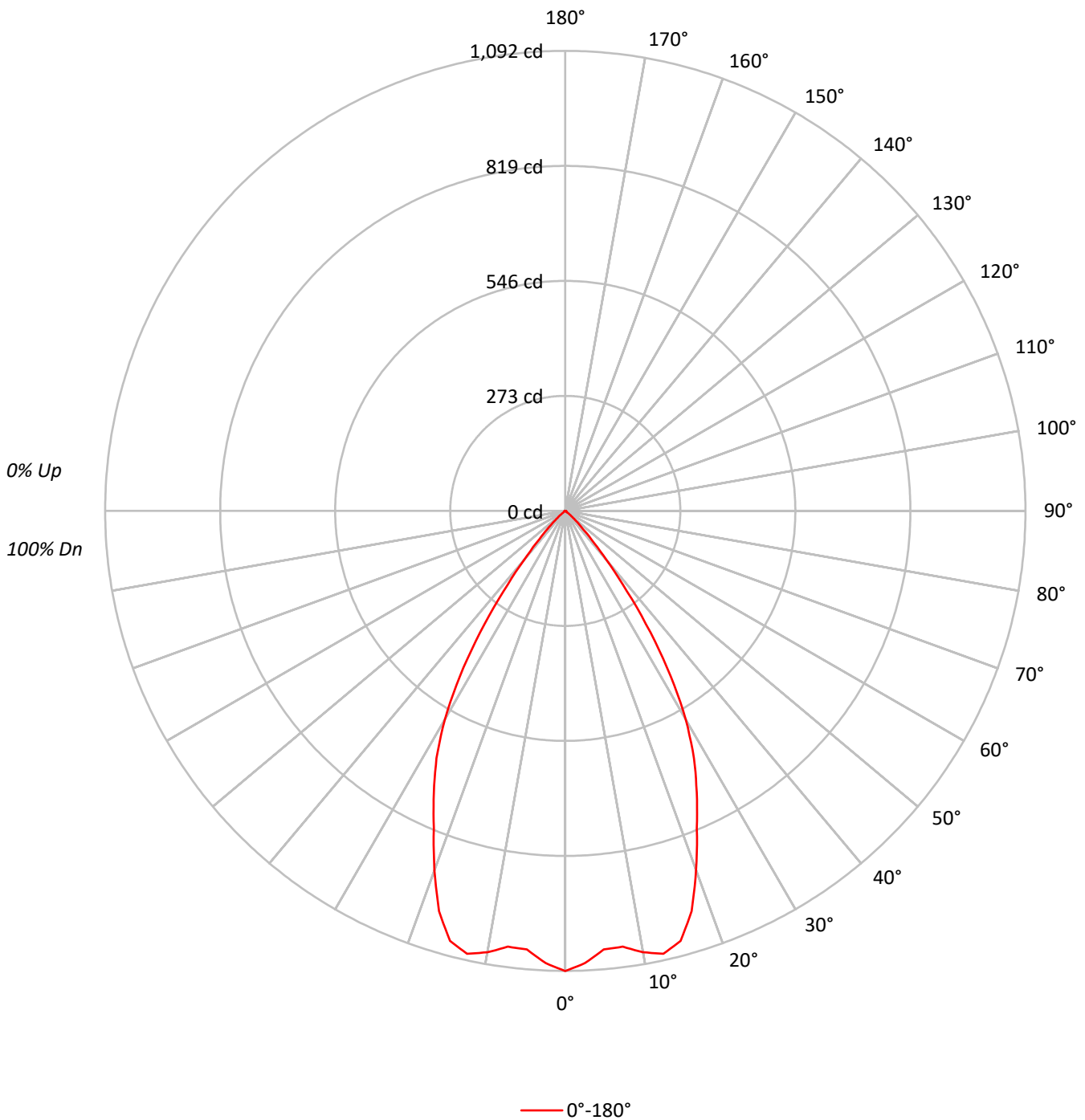
Test Method: LM-79-2019  
Report Number: P1298355  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R60W2N902765DE010 E3CD1MB\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 90CRI ,  
E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1003.0 lumens  
Efficiency: N/A  
Efficacy: 81.5 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91  
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				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
1	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94				94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87				87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81				81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76				76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71				71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66				66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62				62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	62	59	58				58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55				55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51				51

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

	0°
0°	239520
5°	230002
10°	236825
15°	239865
20°	211792
25°	178486
30°	144756
35°	94281
40°	43310
45°	16591
50°	5561
55°	1491
60°	1360
65°	1193
70°	1026
75°	1356
80°	1010
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16591 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	100.6	10.0
10°-20°	289.3	28.8
20°-30°	337.5	33.6
30°-40°	217.8	21.7
40°-50°	48.8	4.9
50°-60°	4.9	0.5
60°-70°	2.3	0.2
70°-80°	1.4	0.1
80°-90°	0.5	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°	727.4	72.5
0°-40°	945.2	94.2
0°-60°	998.8	99.6
0°-90°	1003.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1003.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1092	
5°	1045	101
15°	1057	289
25°	738	337
35°	352	218
45°	54	49
55°	4	5
65°	2	2
75°	2	1
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1092.3
2.5°	1074.4
5°	1044.9
7.5°	1043.4
10°	1063.6
12.5°	1076.7
15°	1056.6
17.5°	996.1
20°	907.6
22.5°	815.3
25°	737.7
27.5°	661.7
30°	571.7
32.5°	466.2
35°	352.2
37.5°	240.5
40°	151.3
42.5°	90.8
45°	53.5
47.5°	31.0
50°	16.3
52.5°	5.4
55°	3.9
57.5°	3.1
60°	3.1
62.5°	2.3
65°	2.3
67.5°	2.3
70°	1.6
72.5°	1.6
75°	1.6
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)