

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: P1286946

Luminaire Tested: P3AS09R609030D2WDE010 E3CB1MW

Issue Date: 1/30/2026

**Test Information**

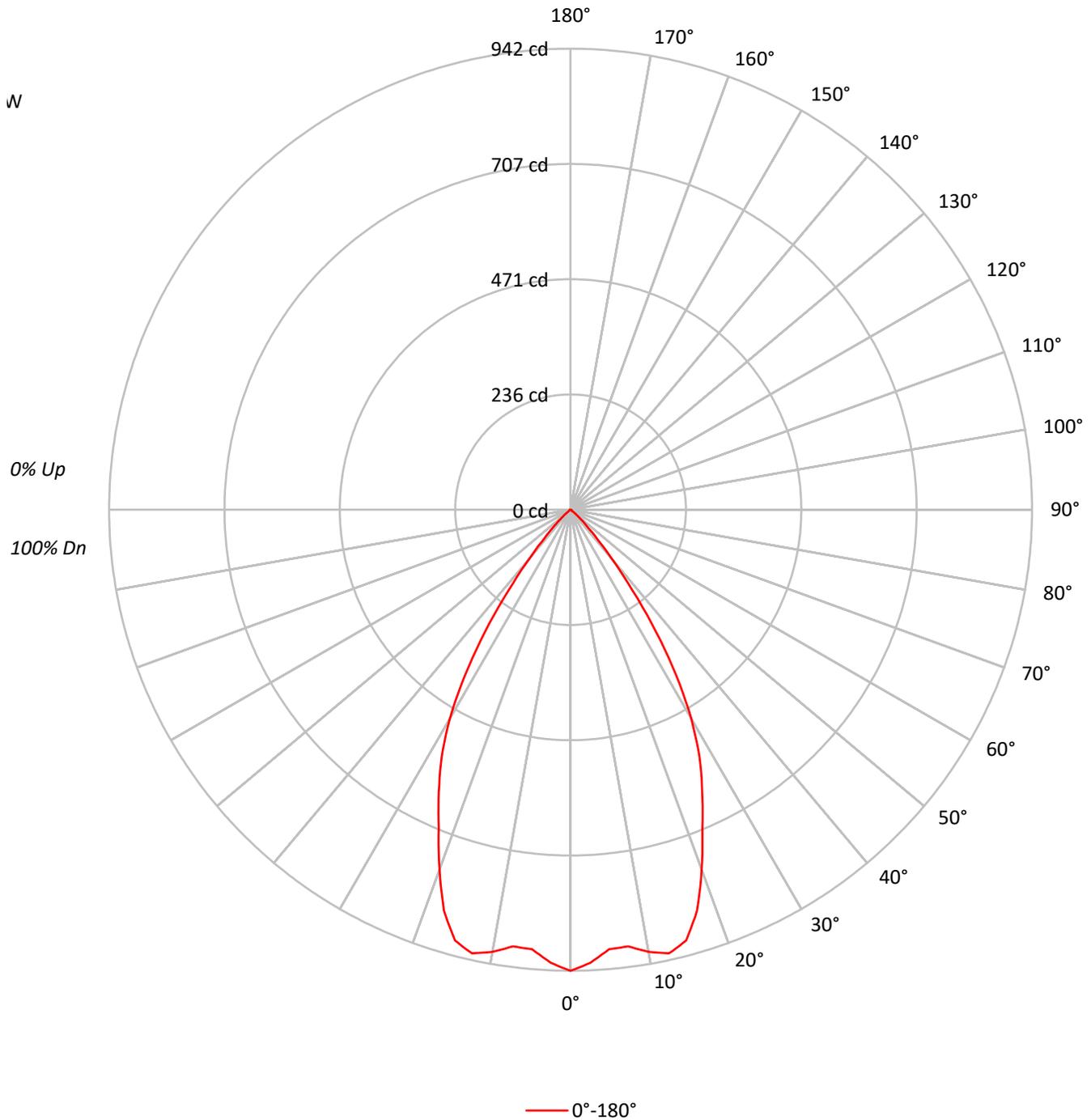
Test Method: LM-79-2019  
Report Number: P1286946  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R609030D2WDE010 E3CB1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3CB1M  
TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 865.0 lumens  
Efficiency: N/A  
Efficacy: 58.8 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): 14.7  
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	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°	206562
5°	198371
10°	204227
15°	206857
20°	182646
25°	153928
30°	124855
35°	81298
40°	37356
45°	14327
50°	4776
55°	1262
60°	1184
65°	1038
70°	833
75°	1101
80°	884
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14327 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	86.7	10.0
10°-20°	249.5	28.8
20°-30°	291.0	33.6
30°-40°	187.8	21.7
40°-50°	42.1	4.9
50°-60°	4.2	0.5
60°-70°	2.0	0.2
70°-80°	1.1	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°	627.3	72.5
0°-40°	815.1	94.2
0°-60°	861.4	99.6
0°-90°	865.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	942	
5°	901	87
15°	911	250
25°	636	291
35°	304	188
45°	46	42
55°	3	4
65°	2	2
75°	1	1
85°	1	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	942.0
2.5°	926.6
5°	901.2
7.5°	899.8
10°	917.2
12.5°	928.6
15°	911.2
17.5°	859.0
20°	782.7
22.5°	703.1
25°	636.2
27.5°	570.7
30°	493.1
32.5°	402.1
35°	303.7
37.5°	207.4
40°	130.5
42.5°	78.3
45°	46.2
47.5°	26.8
50°	14.0
52.5°	4.7
55°	3.3
57.5°	2.7
60°	2.7
62.5°	2.0
65°	2.0
67.5°	2.0
70°	1.3
72.5°	1.3
75°	1.3
77.5°	0.7
80°	0.7
82.5°	0.7
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)