

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: P1287004

Luminaire Tested: P3AS09R709030D2WDE010 E3CB1MW

Issue Date: 1/30/2026

**Test Information**

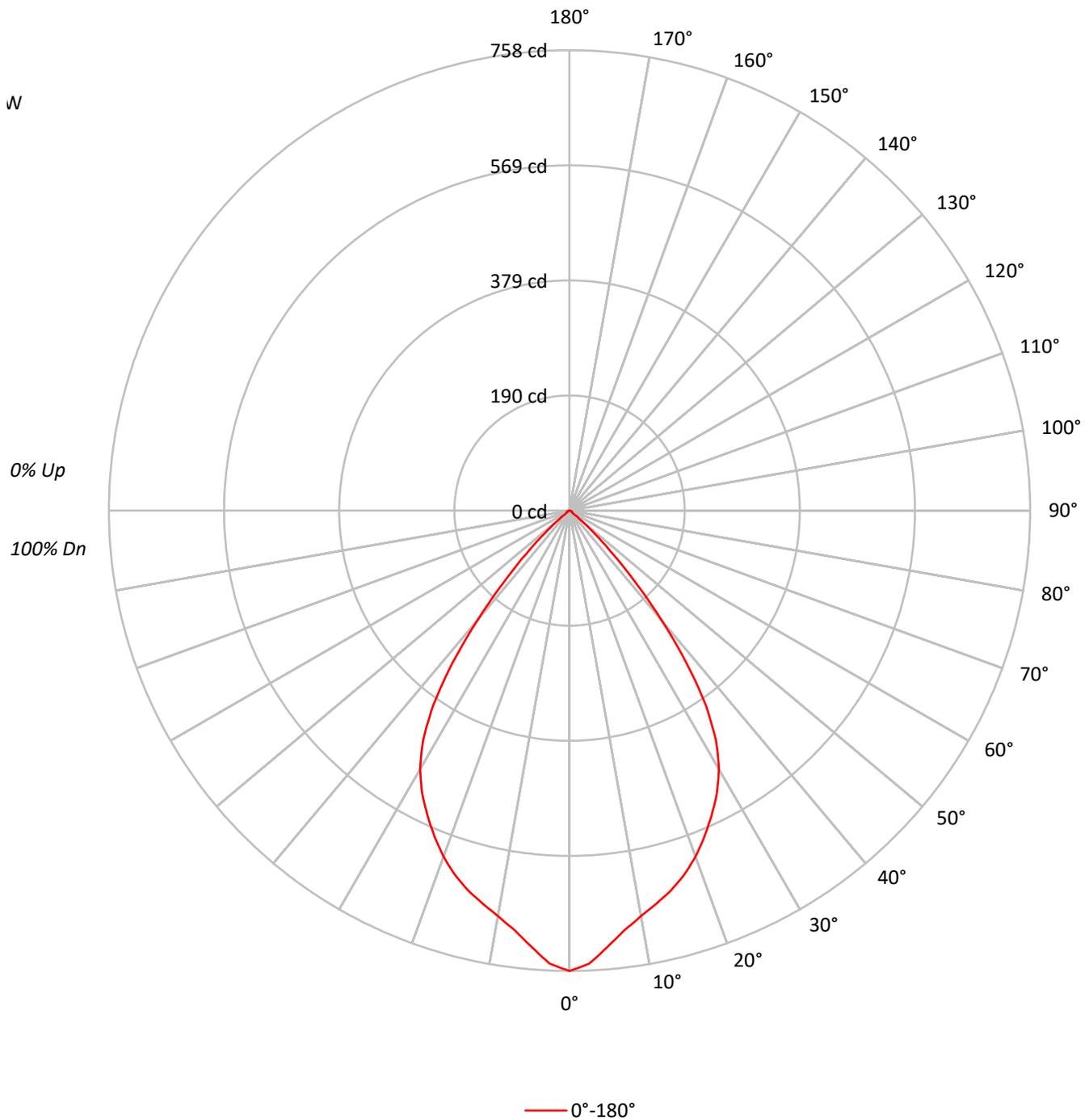
Test Method: LM-79-2019  
Report Number: P1287004  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R709030D2WDE010 E3CB1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3CB1M  
TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 837.0 lumens  
Efficiency: N/A  
Efficacy: 56.9 lumens/watt  
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03  
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				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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	97	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	82	80	78				78
4	95	87	81	77	94	86	81	76	84	79	75	82	78	75	80	77	74	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61				61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57				57
8	76	66	59	55	75	65	59	55	64	58	55	63	58	54	62	57	54	53				53
9	72	62	55	51	71	61	55	51	60	55	51	59	54	50	58	54	50	49				49
10	68	58	52	47	67	57	51	47	56	51	47	56	51	47	55	50	47	46				46

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

	0°
0°	166215
5°	158595
10°	150899
15°	146857
20°	141436
25°	133846
30°	124500
35°	104587
40°	67412
45°	31321
50°	8221
55°	2064
60°	2061
65°	1712
70°	1731
75°	1694
80°	1642
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 31321 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	67.4	8.1
10°-20°	181.8	21.7
20°-30°	254.0	30.3
30°-40°	235.5	28.1
40°-50°	84.4	10.1
50°-60°	7.2	0.9
60°-70°	3.5	0.4
70°-80°	2.3	0.3
80°-90°	0.9	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°	503.2	60.1
0°-40°	738.7	88.3
0°-60°	830.3	99.2
0°-90°	837.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	837.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	758	
5°	720	67
15°	647	182
25°	553	254
35°	391	235
45°	101	84
55°	5	7
65°	3	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	758.0
2.5°	746.6
5°	720.5
7.5°	696.4
10°	677.7
12.5°	662.3
15°	646.9
17.5°	628.2
20°	606.1
22.5°	580.7
25°	553.2
27.5°	525.2
30°	491.7
32.5°	448.9
35°	390.7
37.5°	316.4
40°	235.5
42.5°	160.6
45°	101.0
47.5°	56.2
50°	24.1
52.5°	8.0
55°	5.4
57.5°	4.7
60°	4.7
62.5°	4.0
65°	3.3
67.5°	3.3
70°	2.7
72.5°	2.7
75°	2.0
77.5°	2.0
80°	1.3
82.5°	1.3
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)