

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: P1286317

Luminaire Tested: P3AS02R709030D2WDE010 E3CD1MW

Issue Date: 1/30/2026

**Test Information**

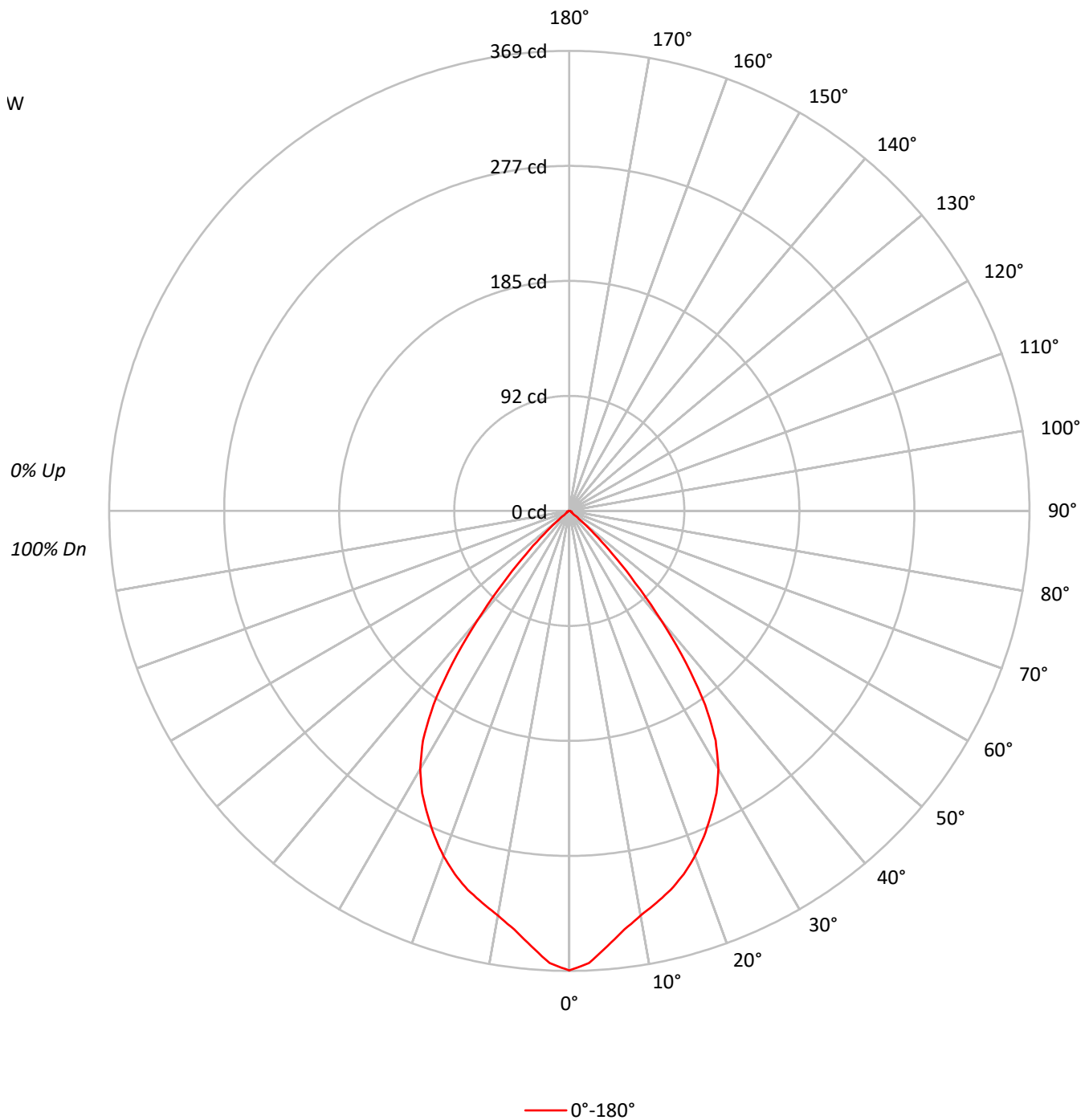
Test Method: LM-79-2019  
Report Number: P1286317  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R709030D2WDE010 E3CD1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3CD1M'  
TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 407.0 lumens  
Efficiency: N/A  
Efficacy: 56.5 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): 7.2  
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	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°	80827
5°	77107
10°	73368
15°	71419
20°	68769
25°	65084
30°	60541
35°	50862
40°	32776
45°	15226
50°	3991
55°	994
60°	1009
65°	830
70°	833
75°	847
80°	884
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15226 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.8	8.1
10°-20°	88.4	21.7
20°-30°	123.5	30.3
30°-40°	114.5	28.1
40°-50°	41.0	10.1
50°-60°	3.5	0.9
60°-70°	1.7	0.4
70°-80°	1.1	0.3
80°-90°	0.4	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°	244.7	60.1
0°-40°	359.2	88.2
0°-60°	403.7	99.2
0°-90°	407.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	407.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	369	
5°	350	33
15°	315	88
25°	269	124
35°	190	115
45°	49	41
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	368.6
2.5°	363.0
5°	350.3
7.5°	338.6
10°	329.5
12.5°	322.0
15°	314.6
17.5°	305.5
20°	294.7
22.5°	282.4
25°	269.0
27.5°	255.4
30°	239.1
32.5°	218.3
35°	190.0
37.5°	153.9
40°	114.5
42.5°	78.1
45°	49.1
47.5°	27.3
50°	11.7
52.5°	3.9
55°	2.6
57.5°	2.3
60°	2.3
62.5°	2.0
65°	1.6
67.5°	1.6
70°	1.3
72.5°	1.3
75°	1.0
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)