

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: P1286318

Luminaire Tested: P3AS02R709030D2WDE010 E3D1H

Issue Date: 1/29/2026

**Test Information**

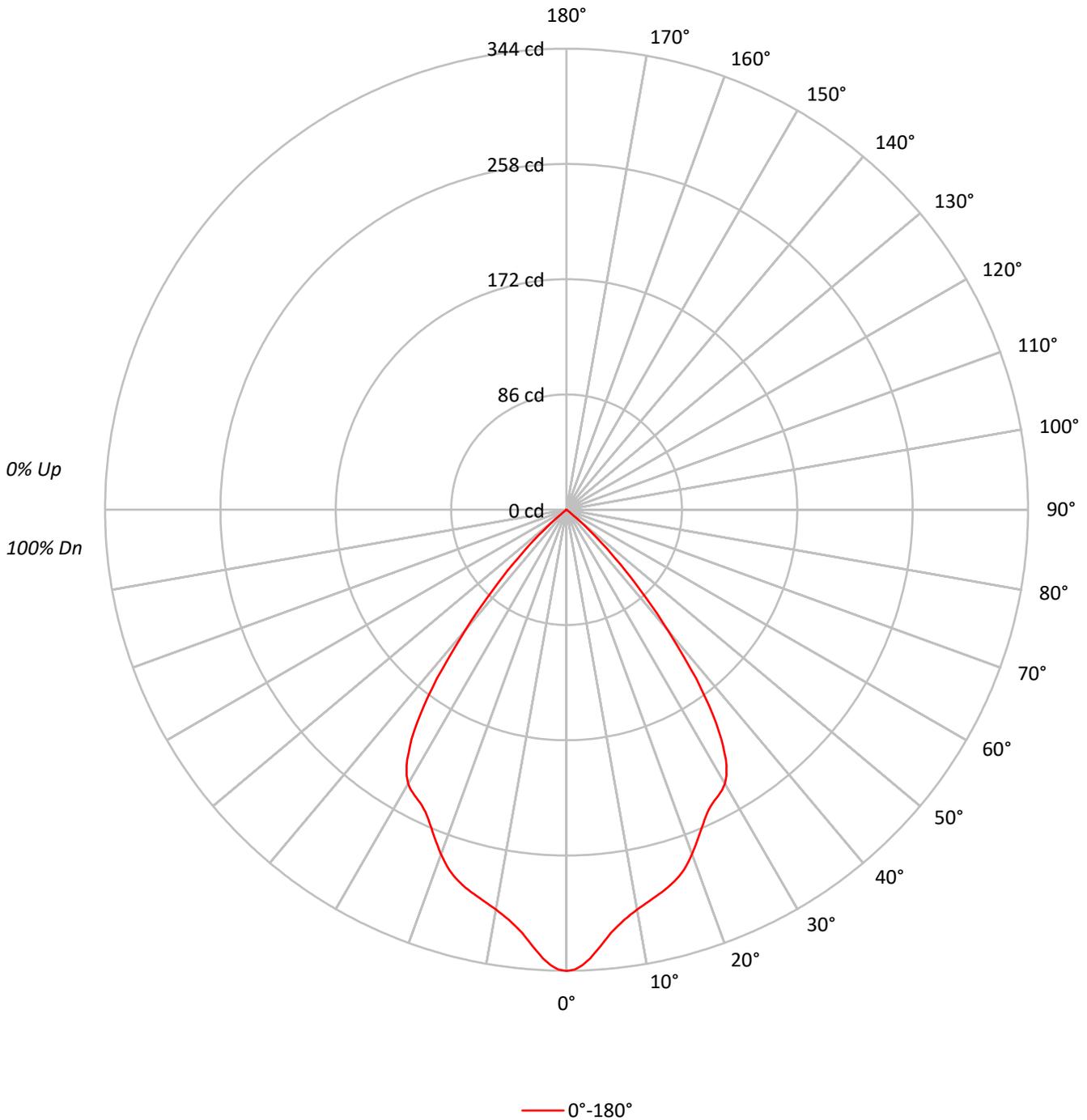
Test Method: LM-79-2019  
Report Number: P1286318  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R709030D2WDE010 E3D1H  
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 388.0 lumens  
Efficiency: N/A  
Efficacy: 53.9 lumens/watt  
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06  
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

TEST NUMBER: P1286318  
CATALOG NUMBER: P3AS02R709030D2WDE010 E3D1H

### Luminous Intensity Polar Plot





TEST NUMBER: P1286318  
 CATALOG NUMBER: P3AS02R709030D2WDE010 E3D1H

**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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	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	86	83	80	79				79
4	95	87	81	77	94	86	81	76	84	79	76	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	63	59	68	63	59	67	62	58	66	61	58	57				57
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45				45

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

	0°
0°	75454
5°	71142
10°	67445
15°	66243
20°	63846
25°	60197
30°	59756
35°	52039
40°	33663
45°	15909
50°	2217
55°	191
60°	132
65°	156
70°	128
75°	169
80°	253
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15909 cd/sqm



TEST NUMBER: P1286318  
 CATALOG NUMBER: P3AS02R709030D2WDE010 E3D1H

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.2	7.8
10°-20°	81.9	21.1
20°-30°	115.9	29.9
30°-40°	116.5	30.0
40°-50°	41.9	10.8
50°-60°	1.1	0.3
60°-70°	0.3	0.1
70°-80°	0.2	0.1
80°-90°	0.0	0.0
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°	228.0	58.8
0°-40°	344.5	88.8
0°-60°	387.6	99.9
0°-90°	388.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	388.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	344	
5°	323	30
15°	292	82
25°	249	116
35°	194	116
45°	51	42
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1286318  
CATALOG NUMBER: P3AS02R709030D2WDE010 E3D1H

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	344.1
1°	343.1
2°	340.1
3°	335.3
4°	329.2
5°	323.2
6°	317.4
7°	313.0
8°	309.0
9°	305.8
10°	302.9
11°	300.5
12°	298.3
13°	296.1
14°	294.0
15°	291.8
16°	289.1
17°	286.2
18°	282.7
19°	278.4
20°	273.6
21°	268.4
22°	263.1
23°	258.0
24°	253.1
25°	248.8
26°	245.7
27°	243.3
28°	241.4
29°	239.2
30°	236.0
31°	231.4
32°	224.9
32.5°	221.2
33°	216.2
34°	206.5
35°	194.4
36°	181.0
37°	165.9
37.5°	158.9
38°	149.3
39°	132.3
40°	117.6
42.5°	81.4
45°	51.3



TEST NUMBER: P1286318  
CATALOG NUMBER: P3AS02R709030D2WDE010 E3D1H

**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	27.6
50°	6.5
52.5°	0.8
55°	0.5
57.5°	0.5
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.2
77.5°	0.2
80°	0.2
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)