

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: P1250709

Luminaire Tested: P3AS02R209030DE010 E3D1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1250709  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R209030DE010 E3D1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3D1MW TRIM  
Light Source: -  
Ballast/Driver: -

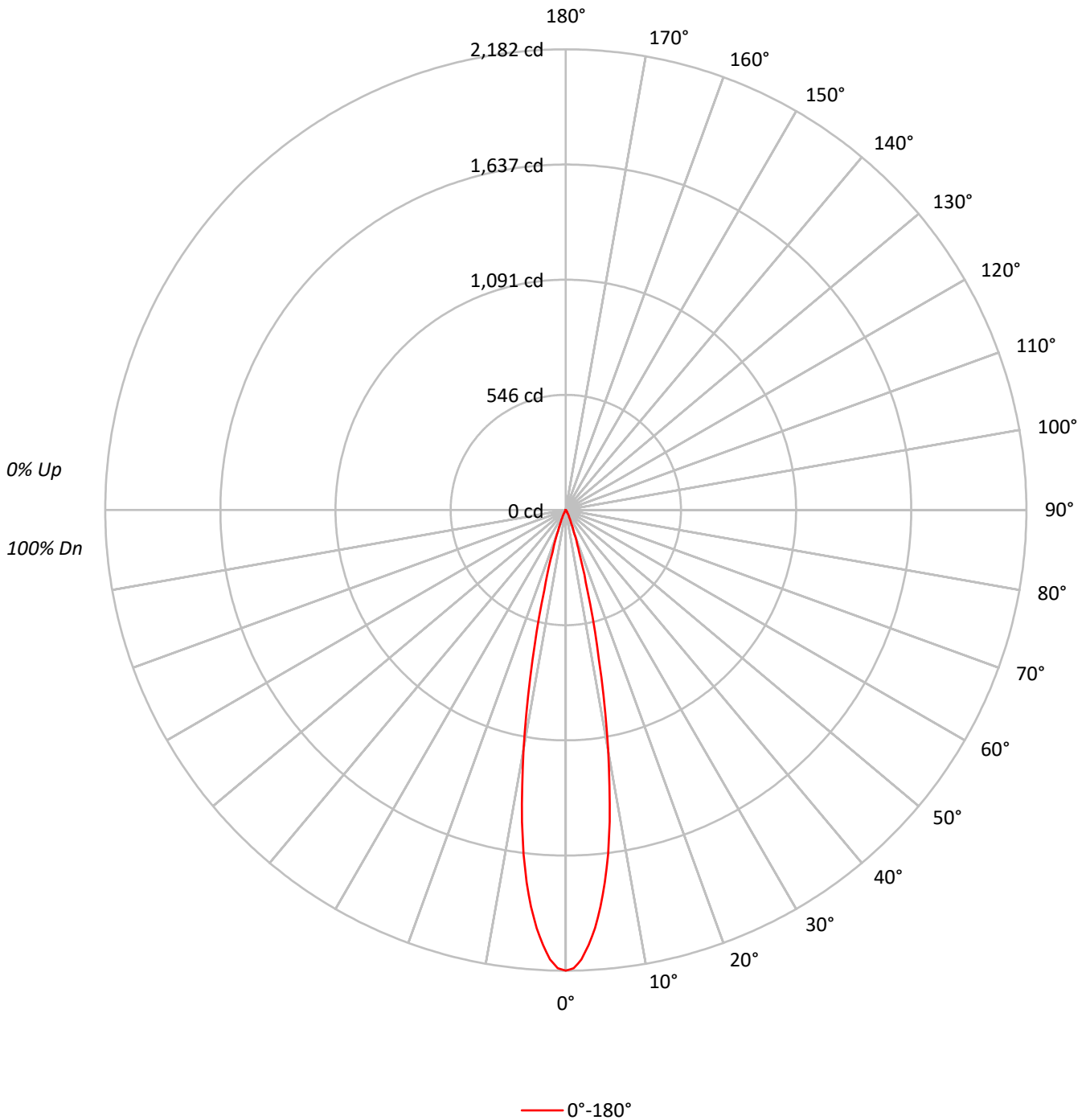
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 308.0 lumens  
Efficiency: N/A  
Efficacy: 85.5 lumens/watt  
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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: P1250709  
CATALOG NUMBER: P3AS02R209030DE010 E3D1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1250709

CATALOG NUMBER: P3AS02R209030DE010 E3D1MW

**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	102	102	102	100
1	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	99	98	98	98
2	112	109	107	104	110	108	105	103	104	103	101	102	100	99	99	98	97	99	98	97	95
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	97	96	95	93
4	107	102	99	96	105	101	98	96	99	97	95	97	95	93	96	94	92	96	94	92	91
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	94	92	91	90
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	93	90	89	88
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	91	89	87	86
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	89	87	85	85
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	88	86	84	83
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	87	84	82	87	84	82	82

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

	0°
0°	478361
5°	415209
10°	256553
15°	89104
20°	27372
25°	9678
30°	3570
35°	1446
40°	773
45°	310
50°	171
55°	191
60°	219
65°	104
70°	128
75°	169
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 310 cd/sqm



TEST NUMBER: P1250709  
 CATALOG NUMBER: P3AS02R209030DE010 E3D1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	156.5	50.8
10°-20°	124.2	40.3
20°-30°	21.5	7.0
30°-40°	3.9	1.3
40°-50°	0.9	0.3
50°-60°	0.4	0.1
60°-70°	0.2	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°	302.3	98.2
0°-40°	306.2	99.4
0°-60°	307.5	99.9
0°-90°	308.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	308.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2182	
5°	1886	157
15°	392	124
25°	40	22
35°	5	4
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1250709  
CATALOG NUMBER: P3AS02R209030DE010 E3D1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2181.5
1°	2171.0
2°	2129.6
3°	2063.0
4°	1985.0
5°	1886.3
6°	1773.1
7°	1641.5
8°	1491.5
9°	1323.1
10°	1152.2
12.5°	726.8
15°	392.5
17.5°	209.7
20°	117.3
22.5°	67.0
25°	40.0
27.5°	24.4
30°	14.1
32.5°	8.3
35°	5.4
37.5°	3.7
40°	2.7
42.5°	1.7
45°	1.0
47.5°	0.5
50°	0.5
52.5°	0.5
55°	0.5
57.5°	0.5
60°	0.5
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.2
77.5°	0.2
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)