

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: P1259905

Luminaire Tested: P3AS13R209050DE010 E3CD1MB

Issue Date: 1/30/2026

**Test Information**

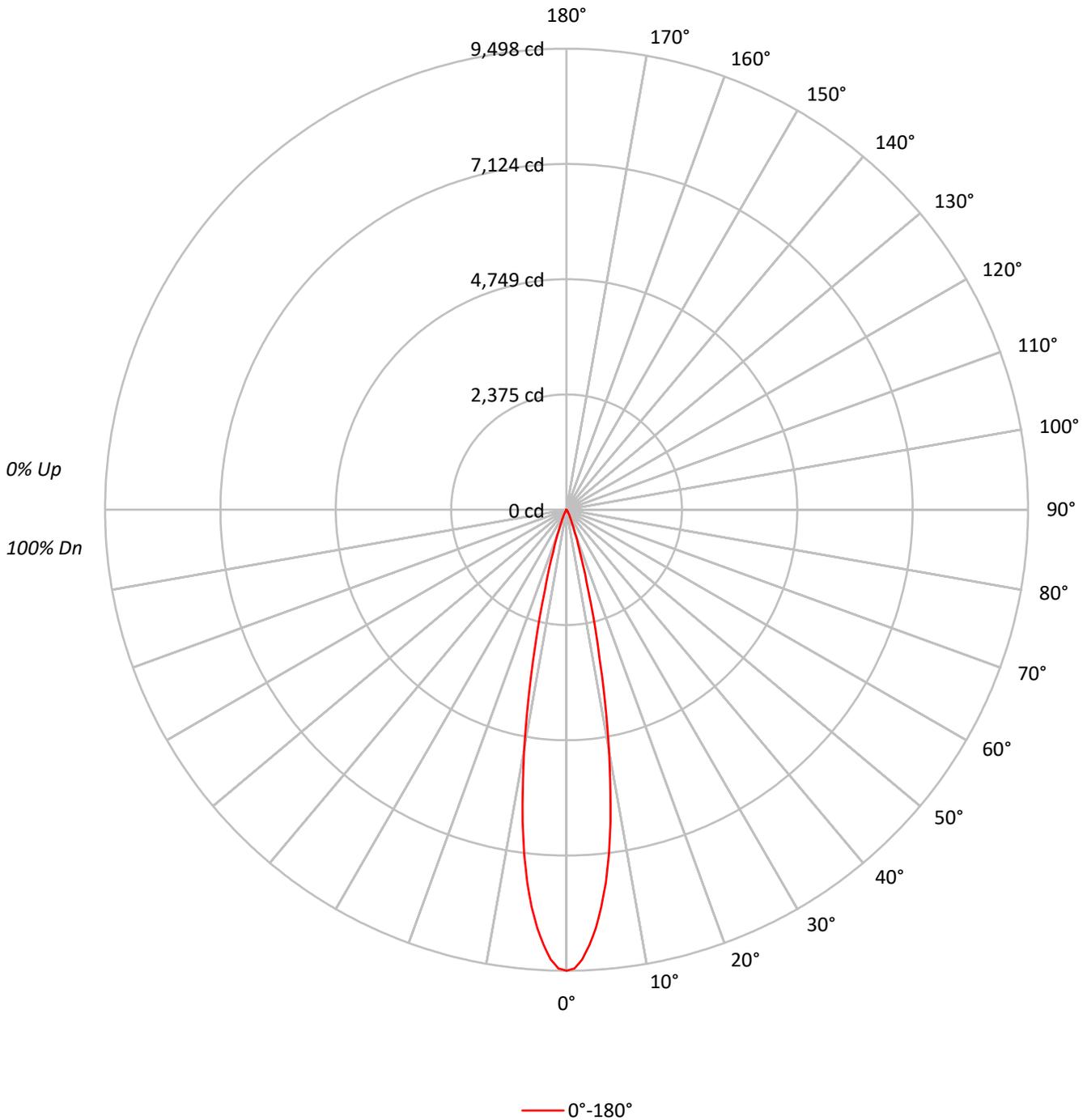
Test Method: LM-79-2019  
Report Number: P1259905  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R209050DE010 E3CD1MB  
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1341.0 lumens  
Efficiency: N/A  
Efficacy: 91.9 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): 14.6  
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: P1259905  
CATALOG NUMBER: P3AS13R209050DE010 E3CD1MB

### Luminous Intensity Polar Plot





TEST NUMBER: P1259905

CATALOG NUMBER: P3AS13R209050DE010 E3CD1MB

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

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

	0°
0°	2082728
5°	1807743
10°	1116991
15°	387970
20°	119150
25°	42123
30°	15597
35°	6264
40°	3349
45°	1302
50°	716
55°	803
60°	921
65°	571
70°	705
75°	932
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1302 cd/sqm



TEST NUMBER: P1259905  
 CATALOG NUMBER: P3AS13R209050DE010 E3CD1MB

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	681.6	50.8
10°-20°	540.8	40.3
20°-30°	93.6	7.0
30°-40°	17.0	1.3
40°-50°	3.9	0.3
50°-60°	1.9	0.1
60°-70°	1.2	0.1
70°-80°	1.0	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°	1316.0	98.1
0°-40°	1333.0	99.4
0°-60°	1338.8	99.8
0°-90°	1341.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1341.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	9498	
5°	8213	682
15°	1709	541
25°	174	94
35°	23	17
45°	4	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1259905  
CATALOG NUMBER: P3AS13R209050DE010 E3CD1MB

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	9498.0
1°	9452.3
2°	9271.9
3°	8982.1
4°	8642.4
5°	8212.6
6°	7720.0
7°	7146.8
8°	6494.0
9°	5760.6
10°	5016.5
12.5°	3164.2
15°	1709.0
17.5°	912.9
20°	510.6
22.5°	291.9
25°	174.1
27.5°	106.1
30°	61.6
32.5°	36.1
35°	23.4
37.5°	15.9
40°	11.7
42.5°	7.4
45°	4.2
47.5°	2.1
50°	2.1
52.5°	2.1
55°	2.1
57.5°	2.1
60°	2.1
62.5°	1.1
65°	1.1
67.5°	1.1
70°	1.1
72.5°	1.1
75°	1.1
77.5°	1.1
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)