

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: P1268096

Luminaire Tested: P3AS20R209735D010 E3CD1MB

Issue Date: 1/30/2026

**Test Information**

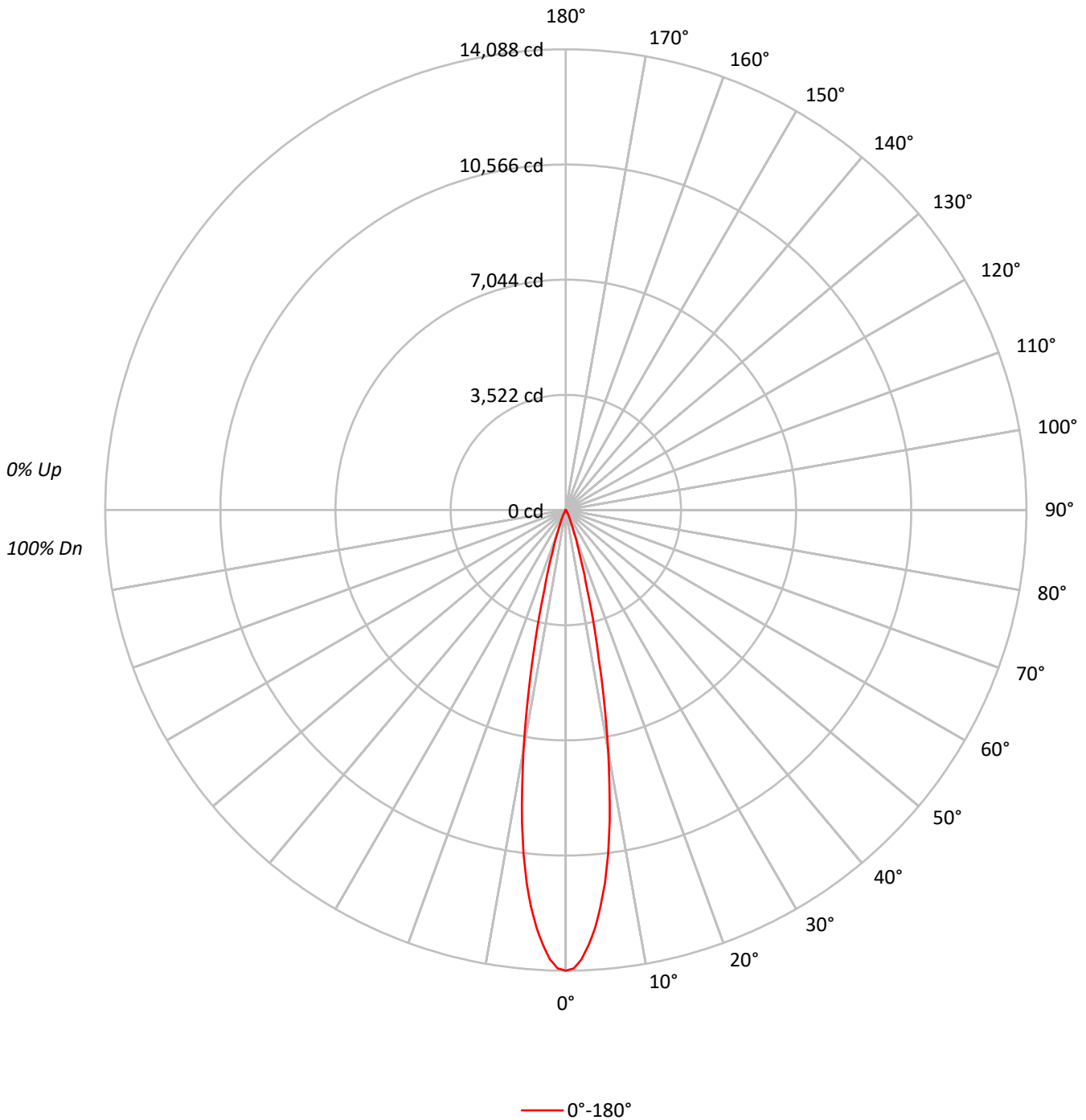
Test Method: LM-79-2019  
Report Number: P1268096  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R209735D010 E3CD1MB  
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1989.0 lumens  
Efficiency: N/A  
Efficacy: 69.1 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): 28.8  
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: P1268096  
CATALOG NUMBER: P3AS20R209735D010 E3CD1MB

### Luminous Intensity Polar Plot





TEST NUMBER: P1268096  
 CATALOG NUMBER: P3AS20R209735D010 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	107	104	110	108	105	103	104	103	101	102	100	99	99	98	97	97	97	97	95
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	95	95	95	93
4	107	102	99	96	105	101	98	96	99	97	95	97	95	93	96	94	92	92	92	92	91
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	91	91	91	90
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	89	89	89	88
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	87	87	87	86
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	85	85	85	85
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	84	84	84	83
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	87	84	82	82	82	82	82

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

	0°
0°	3089138
5°	2681261
10°	1656750
15°	575440
20°	176719
25°	62471
30°	23117
35°	9262
40°	4952
45°	1954
50°	1058
55°	1185
60°	1360
65°	830
70°	1026
75°	1356
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1954 cd/sqm



TEST NUMBER: P1268096  
 CATALOG NUMBER: P3AS20R209735D010 E3CD1MB

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1010.9	50.8
10°-20°	802.1	40.3
20°-30°	138.9	7.0
30°-40°	25.2	1.3
40°-50°	5.8	0.3
50°-60°	2.8	0.1
60°-70°	1.8	0.1
70°-80°	1.5	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°	1951.9	98.1
0°-40°	1977.2	99.4
0°-60°	1985.7	99.8
0°-90°	1989.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1989.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	14088	
5°	12181	###
15°	2535	802
25°	258	139
35°	35	25
45°	6	6
55°	3	3
65°	2	2
75°	2	1
85°	0	0
90°	0	



TEST NUMBER: P1268096  
CATALOG NUMBER: P3AS20R209735D010 E3CD1MB

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	14087.6
1°	14019.9
2°	13752.3
3°	13322.5
4°	12818.7
5°	12181.0
6°	11450.5
7°	10600.4
8°	9632.1
9°	8544.2
10°	7440.6
12.5°	4693.3
15°	2534.8
17.5°	1354.0
20°	757.3
22.5°	433.0
25°	258.2
27.5°	157.4
30°	91.3
32.5°	53.5
35°	34.6
37.5°	23.6
40°	17.3
42.5°	11.0
45°	6.3
47.5°	3.1
50°	3.1
52.5°	3.1
55°	3.1
57.5°	3.1
60°	3.1
62.5°	1.6
65°	1.6
67.5°	1.6
70°	1.6
72.5°	1.6
75°	1.6
77.5°	1.6
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)