

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: P1274833

Luminaire Tested: P3AS20R509830D010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

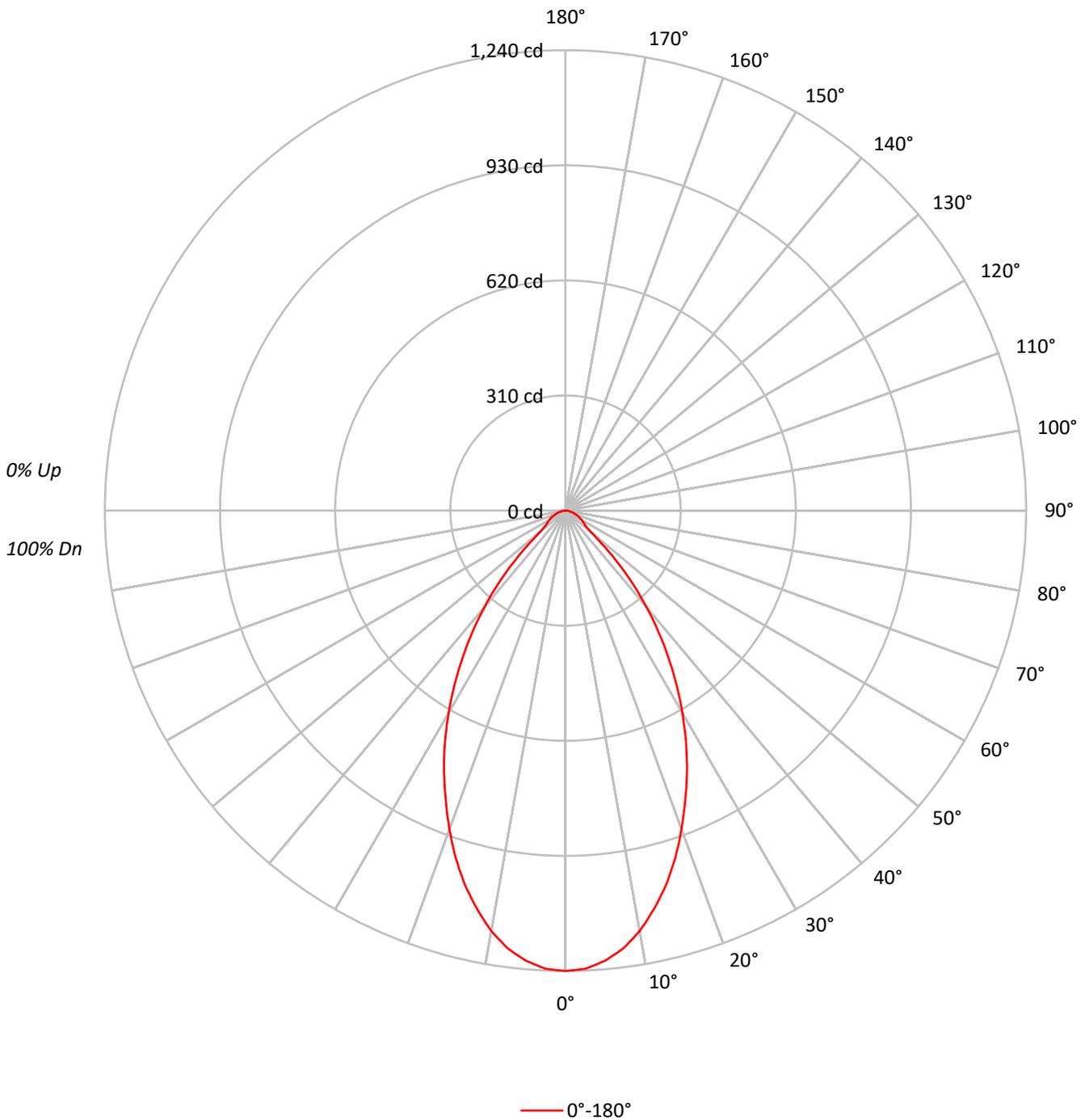
Test Method: LM-79-2019  
Report Number: P1274833  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R509830D010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1338.1 lumens  
Efficiency: N/A  
Efficacy: 48.8 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 27.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: P1274833  
CATALOG NUMBER: P3AS20R509830D010 E3DLD1WMH

### Luminous Intensity Polar Plot







TEST NUMBER: P1274833  
 CATALOG NUMBER: P3AS20R509830D010 E3DLD1WMH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	114.1	8.5
10°-20°	291.2	21.8
20°-30°	353.8	26.4
30°-40°	300.1	22.4
40°-50°	155.9	11.6
50°-60°	56.2	4.2
60°-70°	38.9	2.9
70°-80°	21.1	1.6
80°-90°	6.7	0.5
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°	759.1	56.7
0°-40°	1059.2	79.2
0°-60°	1271.4	95.0
0°-90°	1338.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1338.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1240	
5°	1217	114
15°	1044	291
25°	774	354
35°	483	300
45°	202	156
55°	61	56
65°	40	39
75°	20	21
85°	6	7
90°	0	



TEST NUMBER: P1274833  
CATALOG NUMBER: P3AS20R509830D010 E3DLD1WMH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1240.0
2.5°	1235.4
5°	1217.1
7.5°	1189.6
10°	1149.9
12.5°	1099.5
15°	1044.5
17.5°	981.9
20°	913.2
22.5°	843.0
25°	774.2
27.5°	702.5
30°	629.2
32.5°	555.9
35°	482.6
37.5°	410.8
40°	339.0
42.5°	270.3
45°	201.6
47.5°	134.4
50°	87.0
52.5°	67.2
55°	61.1
57.5°	55.0
60°	50.4
62.5°	44.3
65°	39.7
67.5°	33.6
70°	29.0
72.5°	24.4
75°	19.9
77.5°	15.3
80°	12.2
82.5°	9.2
85°	6.1
87.5°	3.1
90°	0.0

(END OF REPORT)