

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: P1294011

Luminaire Tested: P3A09R50W2N902765DE010 E3DLD1H\_3500K

Issue Date: 1/30/2026

**Test Information**

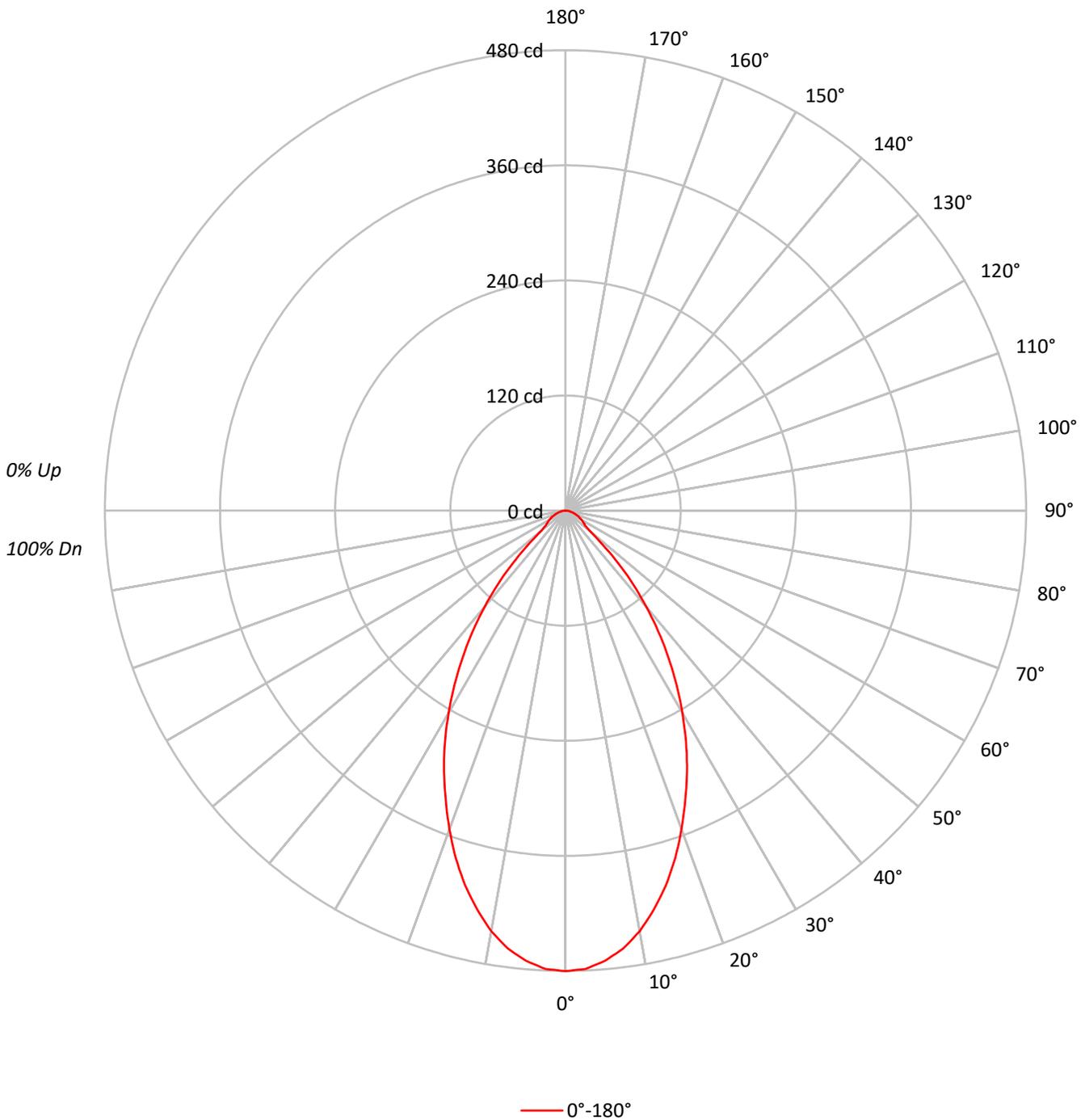
Test Method: LM-79-2019  
Report Number: P1294011  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R50W2N902765DE010 E3DLD1H\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3500K CCT AND, 90CRI ,  
E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 517.9 lumens  
Efficiency: N/A  
Efficacy: 57.5 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): 9  
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: P1294011  
CATALOG NUMBER: P3A09R50W2N902765DE010 E3DLD1H\_3500K

### Luminous Intensity Polar Plot







TEST NUMBER: P1294011

CATALOG NUMBER: P3A09R50W2N902765DE010 E3DLD1H\_3500K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	44.2	8.5
10°-20°	112.7	21.8
20°-30°	137.0	26.4
30°-40°	116.2	22.4
40°-50°	60.3	11.6
50°-60°	21.8	4.2
60°-70°	15.0	2.9
70°-80°	8.2	1.6
80°-90°	2.6	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°	293.9	56.7
0°-40°	410.0	79.2
0°-60°	492.1	95.0
0°-90°	517.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	517.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	480	
5°	471	44
15°	404	113
25°	300	137
35°	187	116
45°	78	60
55°	24	22
65°	15	15
75°	8	8
85°	2	3
90°	0	



TEST NUMBER: P1294011  
CATALOG NUMBER: P3A09R50W2N902765DE010 E3DLD1H\_3500K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	480.1
2.5°	478.3
5°	471.2
7.5°	460.5
10°	445.2
12.5°	425.7
15°	404.4
17.5°	380.1
20°	353.5
22.5°	326.3
25°	299.7
27.5°	272.0
30°	243.6
32.5°	215.2
35°	186.8
37.5°	159.0
40°	131.2
42.5°	104.6
45°	78.0
47.5°	52.0
50°	33.7
52.5°	26.0
55°	23.6
57.5°	21.3
60°	19.5
62.5°	17.1
65°	15.4
67.5°	13.0
70°	11.2
72.5°	9.5
75°	7.7
77.5°	5.9
80°	4.7
82.5°	3.5
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)