

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: P1295785

Luminaire Tested: P3A13R20W2N902750DE010 E3PHLP1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

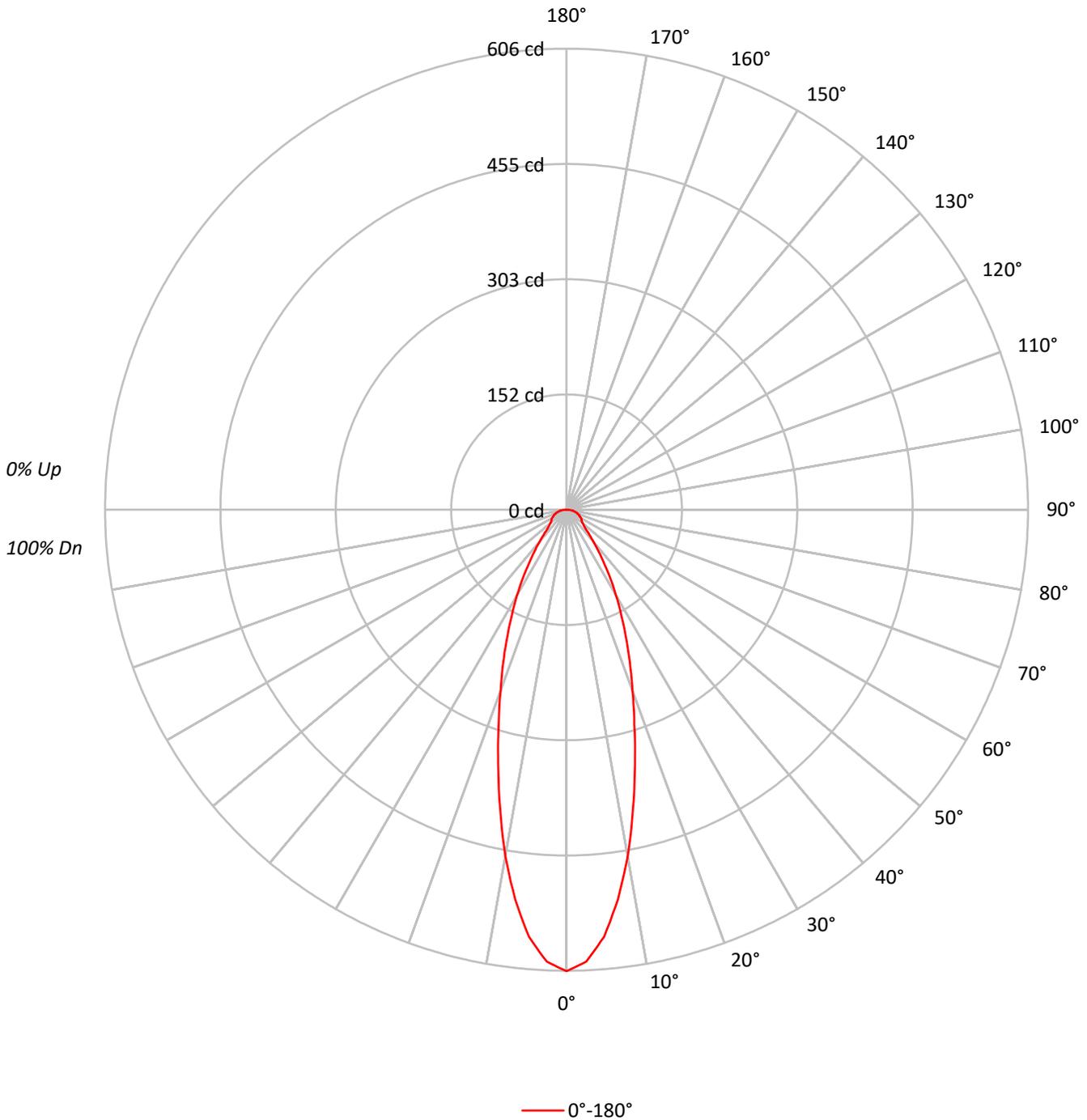
Test Method: LM-79-2019  
Report Number: P1295785  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R20W2N902750DE010 E3PHLP1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 373.9 lumens  
Efficiency: N/A  
Efficacy: 30.4 lumens/watt  
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.3  
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: P1295785  
CATALOG NUMBER: P3A13R20W2N902750DE010 E3PHLP1MW\_3000K

### Luminous Intensity Polar Plot







TEST NUMBER: P1295785

CATALOG NUMBER: P3A13R20W2N902750DE010 E3PHLP1MW\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	50.5	13.5
10°-20°	96.4	25.8
20°-30°	84.8	22.7
30°-40°	54.7	14.6
40°-50°	29.0	7.8
50°-60°	21.8	5.8
60°-70°	18.5	5.0
70°-80°	13.1	3.5
80°-90°	5.1	1.4
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°	231.7	62.0
0°-40°	286.5	76.6
0°-60°	337.3	90.2
0°-90°	373.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	373.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	606	
5°	564	50
15°	347	96
25°	184	85
35°	86	55
45°	35	29
55°	24	22
65°	19	19
75°	12	13
85°	4	5
90°	0	



TEST NUMBER: P1295785  
CATALOG NUMBER: P3A13R20W2N902750DE010 E3PHLP1MW\_3000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	606.5
2.5°	594.4
5°	563.6
7.5°	516.3
10°	462.3
12.5°	402.9
15°	346.7
17.5°	296.1
20°	253.2
22.5°	216.9
25°	183.8
27.5°	155.2
30°	129.9
32.5°	106.8
35°	85.9
37.5°	69.3
40°	55.0
42.5°	44.0
45°	35.2
47.5°	30.8
50°	27.5
52.5°	25.3
55°	24.2
57.5°	23.1
60°	22.0
62.5°	19.8
65°	18.7
67.5°	17.6
70°	15.4
72.5°	14.3
75°	12.1
77.5°	11.0
80°	8.8
82.5°	7.7
85°	4.4
87.5°	2.2
90°	0.0

(END OF REPORT)