

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: P1300238

Luminaire Tested: P3A17R30W2N902750DE010 E3PH1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

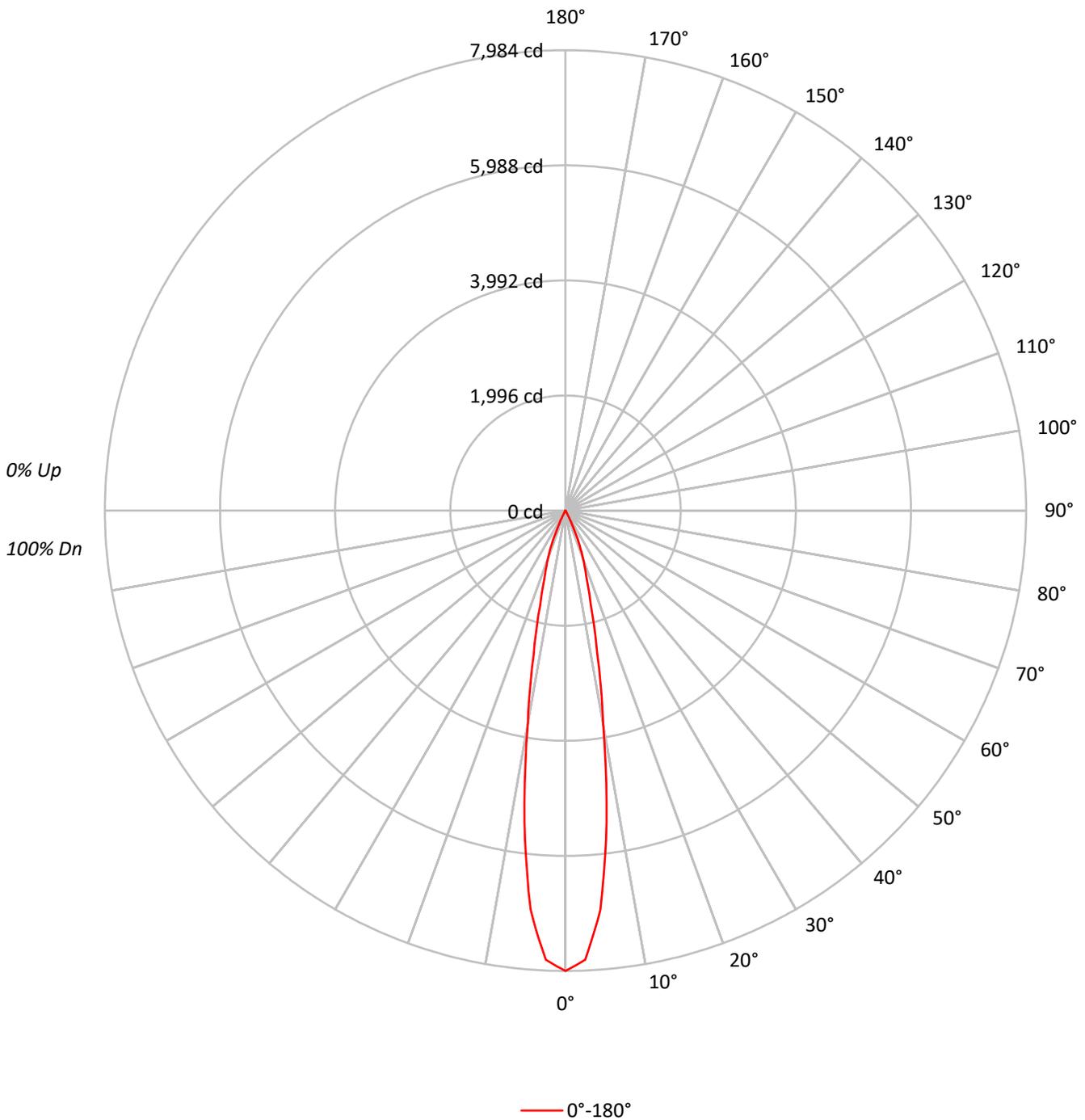
Test Method: LM-79-2019  
Report Number: P1300238  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R30W2N902750DE010 E3PH1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PH1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1230.0 lumens  
Efficiency: N/A  
Efficacy: 63.4 lumens/watt  
Spacing Criteria (0/90/45): 0.33 / 0.33 / 0.34  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.4  
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: P1300238  
CATALOG NUMBER: P3A17R30W2N902750DE010 E3PH1MW\_3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1300238

CATALOG NUMBER: P3A17R30W2N902750DE010 E3PH1MW\_3000K

**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	99	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	96	97
2	112	109	106	104	110	107	105	103	104	102	100	101	100	98	99	97	96	95	95	94	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	92	93
4	106	101	98	95	105	100	97	95	98	96	94	97	94	92	95	93	91	90	90	89	90
5	104	98	95	92	102	97	94	91	96	93	91	94	92	90	93	91	89	88	88	87	88
6	101	95	92	89	100	95	91	89	94	91	88	92	90	88	91	89	87	86	86	85	86
7	99	93	89	87	98	92	89	86	91	88	86	90	88	86	89	87	85	84	84	83	84
8	96	91	87	84	96	90	87	84	89	86	84	88	86	84	88	85	83	82	82	81	82
9	94	89	85	82	94	88	85	82	87	84	82	87	84	82	86	84	82	81	81	80	81
10	92	87	83	81	92	86	83	81	86	82	80	85	82	80	84	82	80	79	79	78	79

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

	0°
0°	1750737
5°	1529294
10°	838951
15°	385995
20°	208035
25°	70504
30°	9166
35°	1392
40°	487
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

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



TEST NUMBER: P1300238

CATALOG NUMBER: P3A17R30W2N902750DE010 E3PH1MW\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	556.6	45.3
10°-20°	510.1	41.5
20°-30°	156.9	12.8
30°-40°	5.9	0.5
40°-50°	0.5	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
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°	1223.6	99.5
0°-40°	1229.5	100.0
0°-60°	1230.0	100.0
0°-90°	1230.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1230.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	7984	
5°	6948	557
15°	1700	510
25°	291	157
35°	5	6
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1300238  
CATALOG NUMBER: P3A17R30W2N902750DE010 E3PH1MW\_3000K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	7984.0
2.5°	7797.8
5°	6947.6
7.5°	5450.9
10°	3767.8
12.5°	2550.4
15°	1700.3
17.5°	1191.6
20°	891.5
22.5°	600.1
25°	291.4
27.5°	106.9
30°	36.2
32.5°	12.1
35°	5.2
37.5°	3.4
40°	1.7
42.5°	1.7
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)