

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: P1254941

Luminaire Tested: P3AS17R129035DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

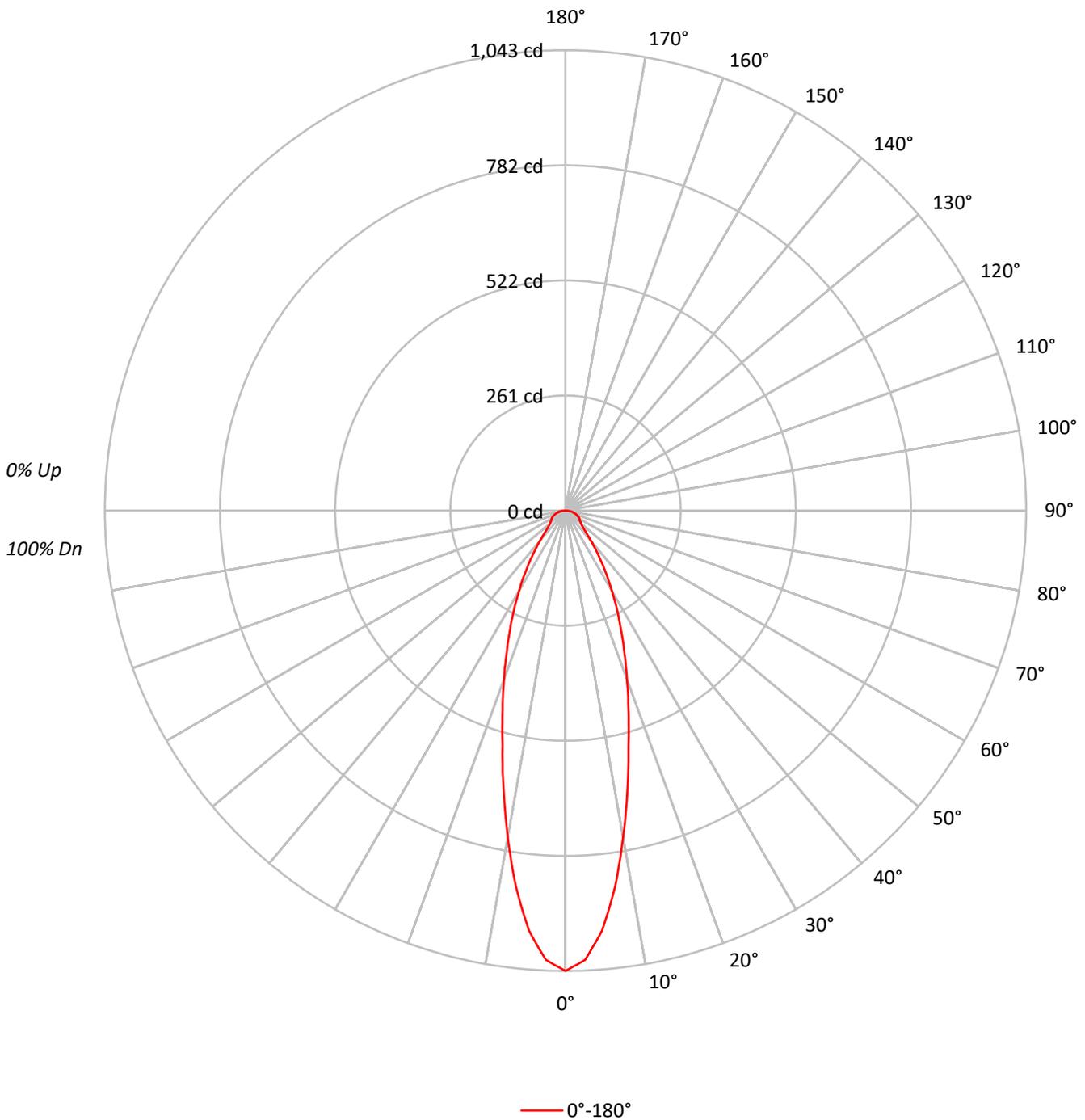
Test Method: LM-79-2019  
Report Number: P1254941  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R129035DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 611.0 lumens  
Efficiency: N/A  
Efficacy: 26.7 lumens/watt  
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 22.9  
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

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### Luminous Intensity Polar Plot





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**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	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	92	92	92	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	83	83	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	76	76	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	70	70	70	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	65	65	65	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	60	60	60	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	57	57	57	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	53	53	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	50	50	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	48	48	48	46

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

	0°
0°	228688
5°	209971
10°	167309
15°	125040
20°	94952
25°	71907
30°	53198
35°	38012
40°	26020
45°	18203
50°	15488
55°	15177
60°	15788
65°	16707
70°	16990
75°	17622
80°	19068
85°	19121

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 22176 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	84.5	13.8
10°-20°	154.5	25.3
20°-30°	136.9	22.4
30°-40°	89.7	14.7
40°-50°	47.9	7.8
50°-60°	36.2	5.9
60°-70°	31.2	5.1
70°-80°	21.5	3.5
80°-90°	8.7	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°	375.8	61.5
0°-40°	465.5	76.2
0°-60°	549.6	90.0
0°-90°	611.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	611.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1043	
5°	954	84
15°	551	154
25°	297	137
35°	142	90
45°	59	48
55°	40	36
65°	32	31
75°	21	21
85°	8	9
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1042.9
2.5°	1018.3
5°	953.9
7.5°	859.3
10°	751.4
12.5°	647.3
15°	550.8
17.5°	473.2
20°	406.9
22.5°	348.3
25°	297.2
27.5°	251.7
30°	210.1
32.5°	174.1
35°	142.0
37.5°	113.6
40°	90.9
42.5°	71.9
45°	58.7
47.5°	51.1
50°	45.4
52.5°	43.5
55°	39.7
57.5°	37.9
60°	36.0
62.5°	34.1
65°	32.2
67.5°	28.4
70°	26.5
72.5°	22.7
75°	20.8
77.5°	17.0
80°	15.1
82.5°	13.2
85°	7.6
87.5°	3.8
90°	0.0

(END OF REPORT)