

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: P1276452

Luminaire Tested: P3AS17R309835DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

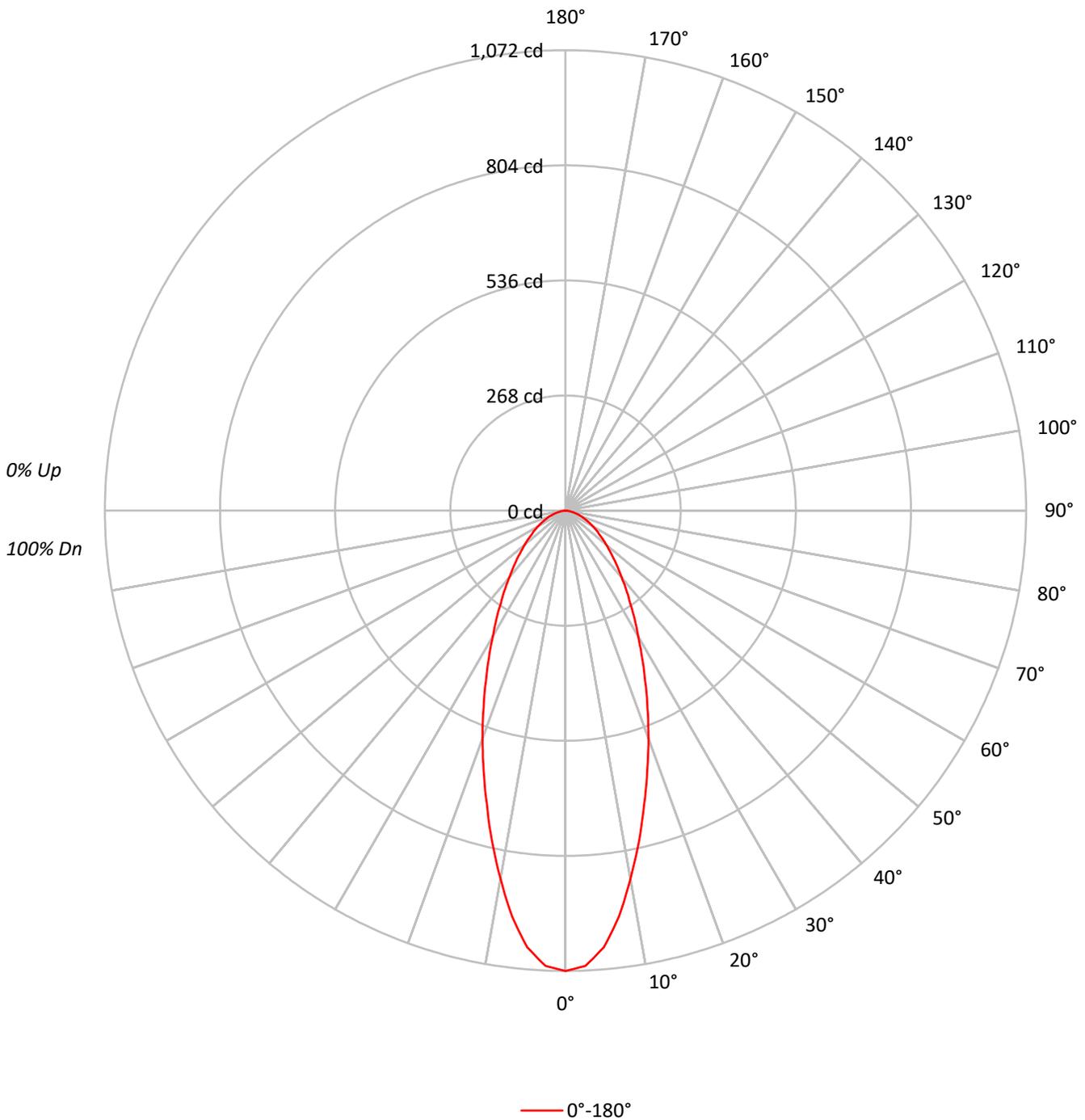
Test Method: LM-79-2019  
Report Number: P1276452  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309835DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 954.0 lumens  
Efficiency: N/A  
Efficacy: 46.8 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.4  
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

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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	100			100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90			90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80			80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71			71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65			65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59			59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54			54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50			50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46			46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43			43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40			40

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

	0°
0°	235069
5°	224675
10°	193806
15°	160637
20°	131681
25°	106143
30°	85557
35°	70082
40°	58223
45°	49369
50°	42233
55°	36510
60°	32585
65°	28434
70°	24940
75°	21011
80°	15659
85°	8806

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 49369 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	92.5	9.7
10°-20°	197.3	20.7
20°-30°	202.3	21.2
30°-40°	165.3	17.3
40°-50°	123.6	13.0
50°-60°	86.9	9.1
60°-70°	54.6	5.7
70°-80°	26.3	2.8
80°-90°	5.1	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°	492.1	51.6
0°-40°	657.4	68.9
0°-60°	867.9	91.0
0°-90°	954.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	954.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1072	
5°	1021	93
15°	708	197
25°	439	202
35°	262	165
45°	159	124
55°	96	87
65°	55	55
75°	25	26
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1072.0
2.5°	1061.4
5°	1020.7
7.5°	953.5
10°	870.4
12.5°	789.0
15°	707.6
17.5°	633.3
20°	564.3
22.5°	498.9
25°	438.7
27.5°	385.7
30°	337.9
32.5°	299.0
35°	261.8
37.5°	231.7
40°	203.4
42.5°	180.4
45°	159.2
47.5°	139.8
50°	123.8
52.5°	109.7
55°	95.5
57.5°	84.9
60°	74.3
62.5°	63.7
65°	54.8
67.5°	46.0
70°	38.9
72.5°	31.8
75°	24.8
77.5°	17.7
80°	12.4
82.5°	7.1
85°	3.5
87.5°	1.8
90°	0.0

(END OF REPORT)