

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: P1254279

Luminaire Tested: P3AS09R309035DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

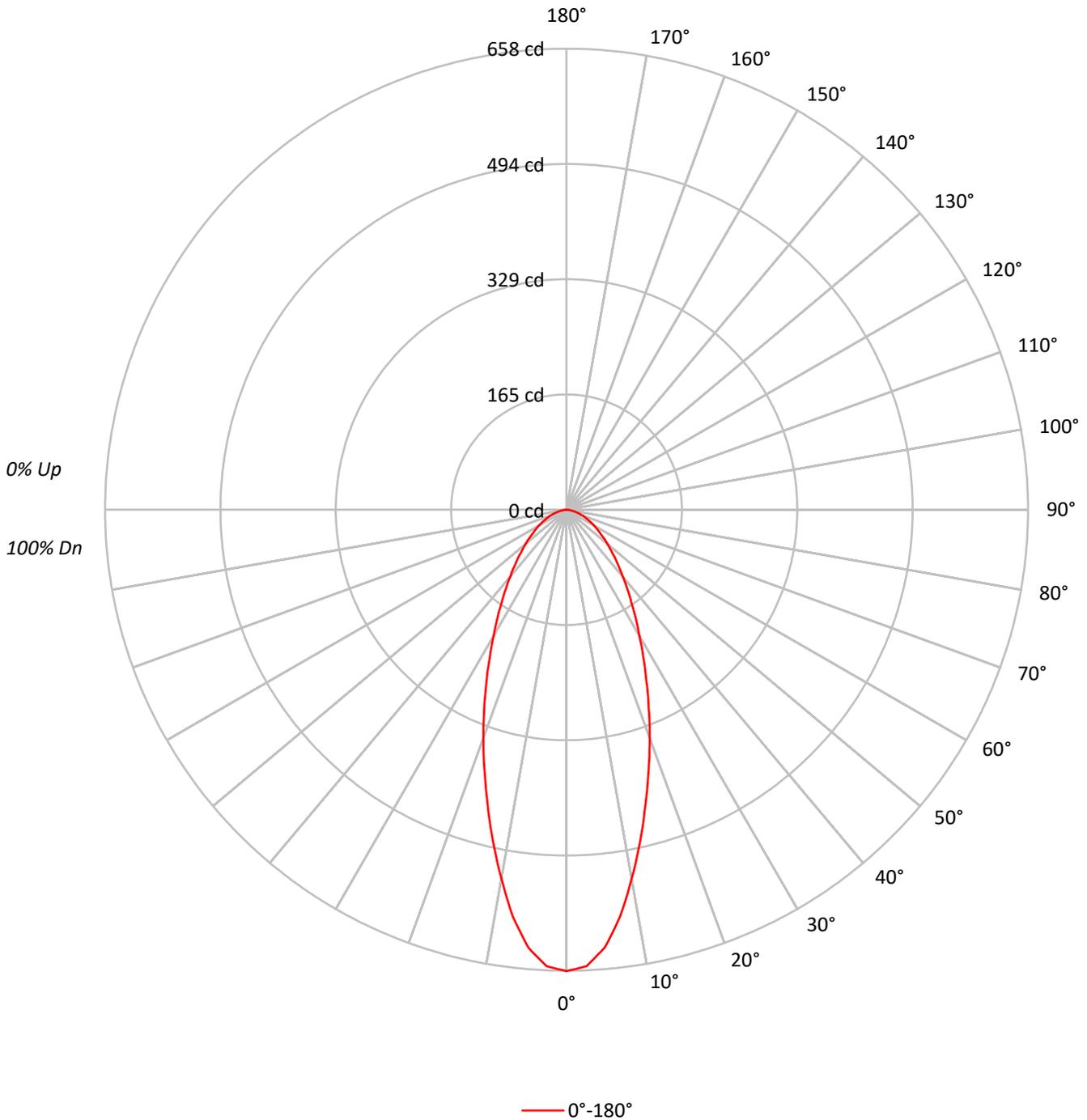
Test Method: LM-79-2019  
Report Number: P1254279  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R309035DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 586.0 lumens  
Efficiency: N/A  
Efficacy: 52.8 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): 11.1  
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			
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90			
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80			
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71			
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65			
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59			
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54			
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50			
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46			
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43			
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40			

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

	0°
0°	144396
5°	138014
10°	119036
15°	98684
20°	80880
25°	65205
30°	52565
35°	43045
40°	35781
45°	30329
50°	25961
55°	22441
60°	19998
65°	17486
70°	15323
75°	12878
80°	9597
85°	5535

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 30329 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.8	9.7
10°-20°	121.2	20.7
20°-30°	124.2	21.2
30°-40°	101.6	17.3
40°-50°	75.9	13.0
50°-60°	53.4	9.1
60°-70°	33.6	5.7
70°-80°	16.2	2.8
80°-90°	3.1	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°	302.3	51.6
0°-40°	403.8	68.9
0°-60°	533.2	91.0
0°-90°	586.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	586.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	658	
5°	627	57
15°	435	121
25°	270	124
35°	161	102
45°	98	76
55°	59	53
65°	34	34
75°	15	16
85°	2	3
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	658.5
2.5°	652.0
5°	627.0
7.5°	585.7
10°	534.6
12.5°	484.6
15°	434.7
17.5°	389.0
20°	346.6
22.5°	306.4
25°	269.5
27.5°	236.9
30°	207.6
32.5°	183.6
35°	160.8
37.5°	142.4
40°	125.0
42.5°	110.8
45°	97.8
47.5°	85.8
50°	76.1
52.5°	67.4
55°	58.7
57.5°	52.2
60°	45.6
62.5°	39.1
65°	33.7
67.5°	28.3
70°	23.9
72.5°	19.6
75°	15.2
77.5°	10.9
80°	7.6
82.5°	4.3
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)