

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: P1273347

Luminaire Tested: P3A05R309830DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

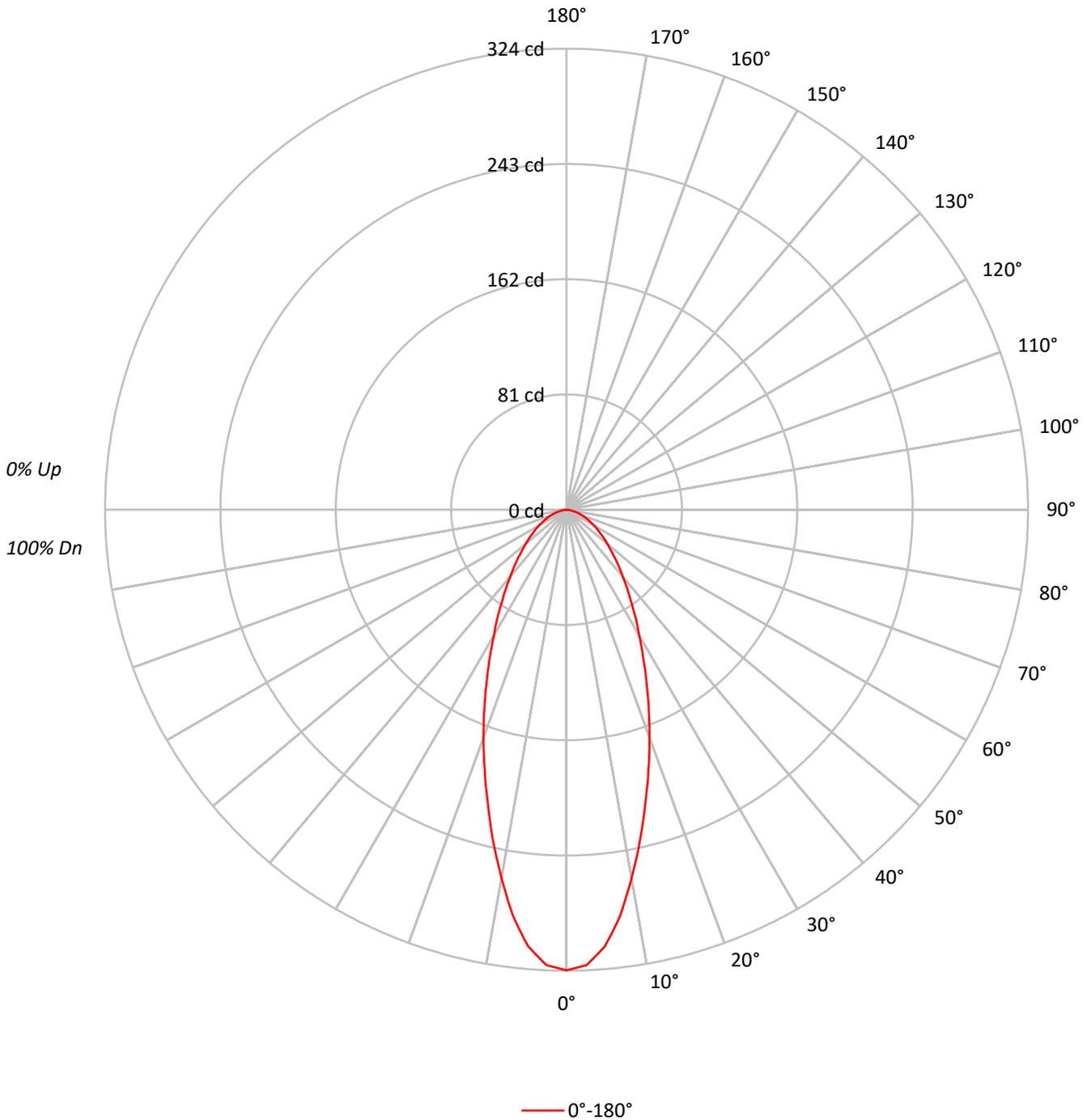
Test Method: LM-79-2019  
Report Number: P1273347  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R309830DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 288.0 lumens  
Efficiency: N/A  
Efficacy: 40.0 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): 7.2  
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	94	93	91	94	93	91	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	80	76	73	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	74	70	66	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	60	55	51	50
8	72	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	56	51	48	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	53	48	44	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	50	45	42	40

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

	0°
0°	70959
5°	67818
10°	58516
15°	48491
20°	39763
25°	32034
30°	25827
35°	21148
40°	17576
45°	14916
50°	12759
55°	11010
60°	9824
65°	8613
70°	7501
75°	6354
80°	4672
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14916 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.9	9.7
10°-20°	59.6	20.7
20°-30°	61.1	21.2
30°-40°	49.9	17.3
40°-50°	37.3	13.0
50°-60°	26.2	9.1
60°-70°	16.5	5.7
70°-80°	7.9	2.8
80°-90°	1.5	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°	148.6	51.6
0°-40°	198.5	68.9
0°-60°	262.0	91.0
0°-90°	288.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	288.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	324	
5°	308	28
15°	214	60
25°	132	61
35°	79	50
45°	48	37
55°	29	26
65°	17	16
75°	8	8
85°	1	2
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	323.6
2.5°	320.4
5°	308.1
7.5°	287.9
10°	262.8
12.5°	238.2
15°	213.6
17.5°	191.2
20°	170.4
22.5°	150.6
25°	132.4
27.5°	116.4
30°	102.0
32.5°	90.3
35°	79.0
37.5°	70.0
40°	61.4
42.5°	54.5
45°	48.1
47.5°	42.2
50°	37.4
52.5°	33.1
55°	28.8
57.5°	25.6
60°	22.4
62.5°	19.2
65°	16.6
67.5°	13.9
70°	11.7
72.5°	9.6
75°	7.5
77.5°	5.3
80°	3.7
82.5°	2.1
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)