

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: P1273283

Luminaire Tested: P3AS05R209830DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

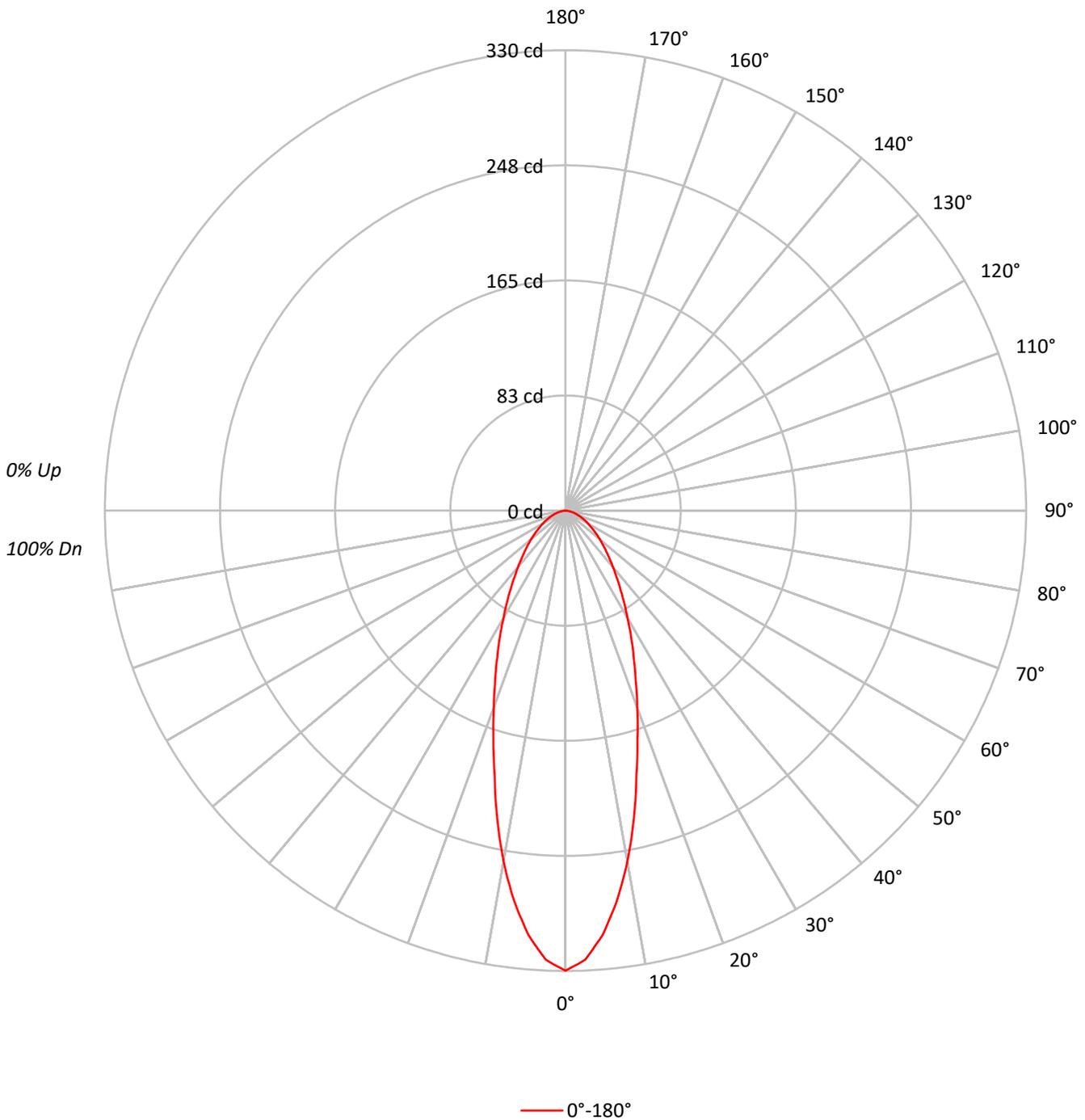
Test Method: LM-79-2019  
Report Number: P1273283  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R209830DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 255.0 lumens  
Efficiency: N/A  
Efficacy: 35.4 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
Input Voltage (V): NR  
Input Current (Ain): 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	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74	72	72	72	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60	60
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55	55	55	55
7	76	66	59	54	75	65	58	53	63	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	47	47	47	47
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43	41	41	41	41

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

	0°
0°	72319
5°	67180
10°	56891
15°	44541
20°	35050
25°	27945
30°	22459
35°	18310
40°	15143
45°	12777
50°	10951
55°	9405
60°	8201
65°	7212
70°	6155
75°	5422
80°	4041
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12777 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.6	10.8
10°-20°	54.9	21.5
20°-30°	53.3	20.9
30°-40°	43.1	16.9
40°-50°	32.0	12.6
50°-60°	22.2	8.7
60°-70°	13.9	5.5
70°-80°	6.7	2.6
80°-90°	1.2	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°	135.8	53.3
0°-40°	178.9	70.1
0°-60°	233.2	91.4
0°-90°	255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	255.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	330	
5°	305	28
15°	196	55
25°	116	53
35°	68	43
45°	41	32
55°	25	22
65°	14	14
75°	6	7
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	329.8
2.5°	322.3
5°	305.2
7.5°	282.2
10°	255.5
12.5°	226.1
15°	196.2
17.5°	171.6
20°	150.2
22.5°	131.5
25°	115.5
27.5°	101.6
30°	88.7
32.5°	78.0
35°	68.4
37.5°	59.9
40°	52.9
42.5°	46.5
45°	41.2
47.5°	36.3
50°	32.1
52.5°	28.3
55°	24.6
57.5°	21.4
60°	18.7
62.5°	16.6
65°	13.9
67.5°	11.8
70°	9.6
72.5°	8.0
75°	6.4
77.5°	4.8
80°	3.2
82.5°	1.6
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)