

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: P1253903

Luminaire Tested: P3AS05R309035DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

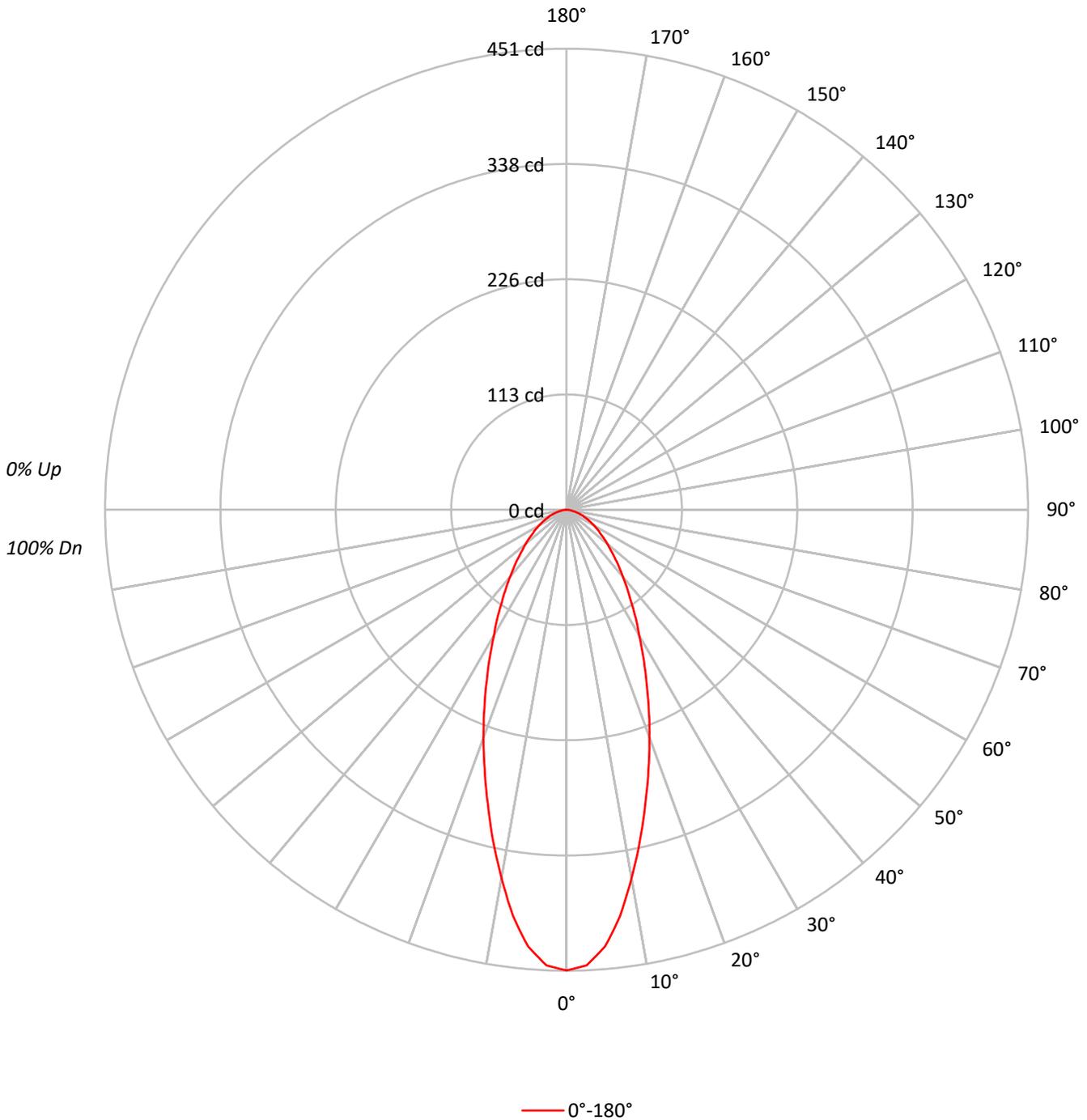
Test Method: LM-79-2019  
Report Number: P1253903  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R309035DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 401.0 lumens  
Efficiency: N/A  
Efficacy: 55.7 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

TEST NUMBER: P1253903  
CATALOG NUMBER: P3AS05R309035DE010 E3PHLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1253903

CATALOG NUMBER: P3AS05R309035DE010 E3PHLD1MW

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

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

	0°
0°	98808
5°	94453
10°	81450
15°	67515
20°	55351
25°	44615
30°	35955
35°	29473
40°	24474
45°	20746
50°	17773
55°	15369
60°	13683
65°	11986
70°	10515
75°	8811
80°	6566
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 20746 cd/sqm



TEST NUMBER: P1253903  
 CATALOG NUMBER: P3AS05R309035DE010 E3PHLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	38.9	9.7
10°-20°	82.9	20.7
20°-30°	85.0	21.2
30°-40°	69.5	17.3
40°-50°	52.0	13.0
50°-60°	36.5	9.1
60°-70°	23.0	5.7
70°-80°	11.1	2.8
80°-90°	2.1	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°	206.8	51.6
0°-40°	276.3	68.9
0°-60°	364.8	91.0
0°-90°	401.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	401.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	451	
5°	429	39
15°	297	83
25°	184	85
35°	110	70
45°	67	52
55°	40	37
65°	23	23
75°	10	11
85°	2	2
90°	0	



TEST NUMBER: P1253903  
CATALOG NUMBER: P3AS05R309035DE010 E3PHLD1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	450.6
2.5°	446.2
5°	429.1
7.5°	400.8
10°	365.8
12.5°	331.6
15°	297.4
17.5°	266.2
20°	237.2
22.5°	209.7
25°	184.4
27.5°	162.1
30°	142.0
32.5°	125.7
35°	110.1
37.5°	97.4
40°	85.5
42.5°	75.8
45°	66.9
47.5°	58.7
50°	52.1
52.5°	46.1
55°	40.2
57.5°	35.7
60°	31.2
62.5°	26.8
65°	23.1
67.5°	19.3
70°	16.4
72.5°	13.4
75°	10.4
77.5°	7.4
80°	5.2
82.5°	3.0
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)