

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: P1261789

Luminaire Tested: P3AS05R129727DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

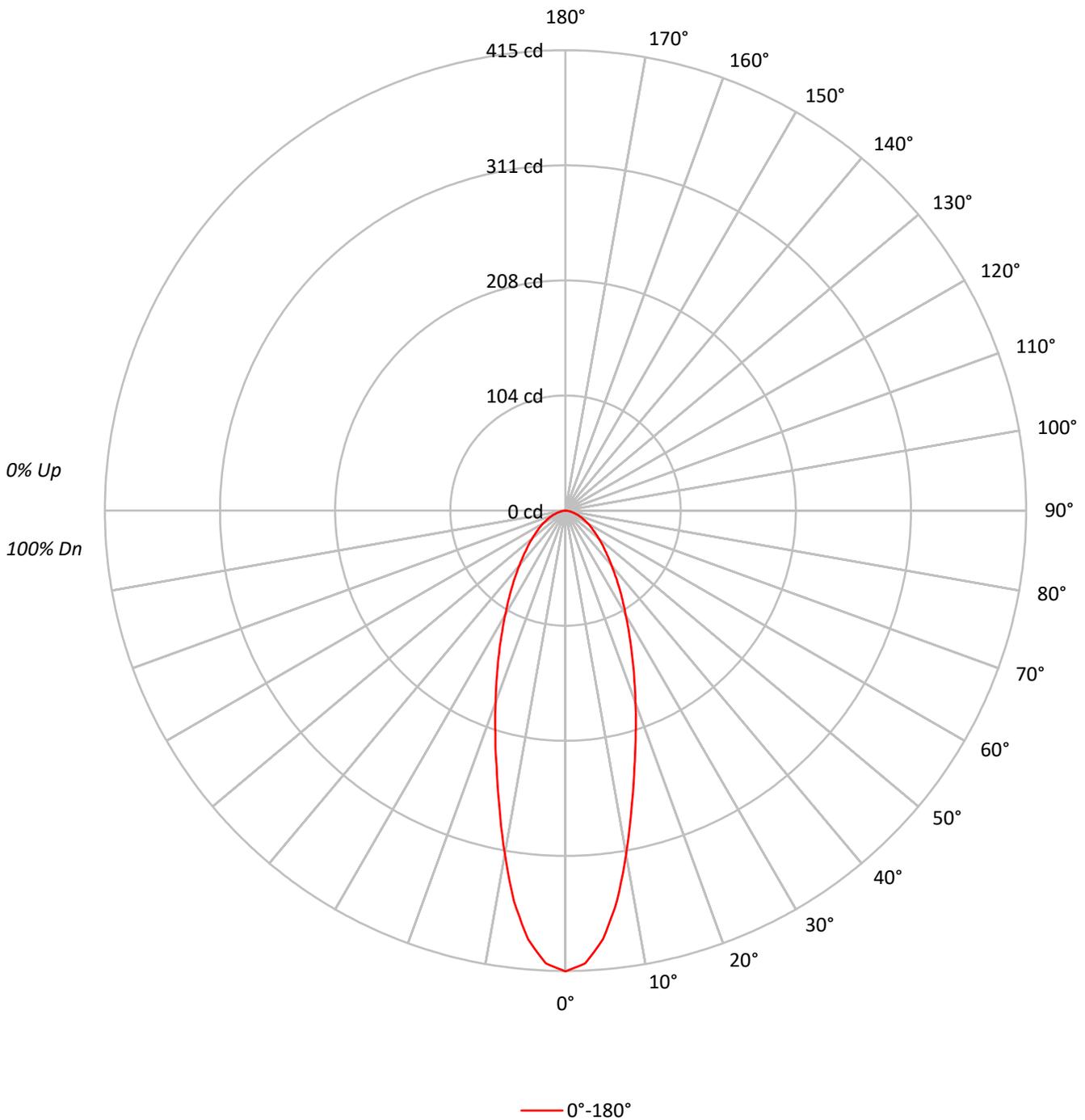
Test Method: LM-79-2019  
Report Number: P1261789  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R129727DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 313.0 lumens  
Efficiency: N/A  
Efficacy: 41.2 lumens/watt  
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.6  
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	97	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	83	79	96	88	83	78	85	81	77	83	79	75	81	77	74	72	72	72	72
4	92	82	76	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	67	61	57	65	60	57	55	55	55	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47	47	47	47
9	69	58	51	46	68	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42	42	42	42

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

	0°
0°	91089
5°	85384
10°	70028
15°	54393
20°	42937
25°	34212
30°	27473
35°	22433
40°	18463
45°	15536
50°	13339
55°	11546
60°	10218
65°	8924
70°	7950
75°	6439
80°	5177
85°	3522

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15536 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.6	11.1
10°-20°	67.1	21.4
20°-30°	65.2	20.8
30°-40°	52.7	16.8
40°-50°	39.1	12.5
50°-60°	27.3	8.7
60°-70°	17.1	5.5
70°-80°	8.2	2.6
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°	167.0	53.4
0°-40°	219.7	70.2
0°-60°	286.2	91.4
0°-90°	313.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	313.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	415	
5°	388	35
15°	240	67
25°	141	65
35°	84	53
45°	50	39
55°	30	27
65°	17	17
75°	8	8
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	415.4
2.5°	408.5
5°	387.9
7.5°	355.0
10°	314.5
12.5°	274.6
15°	239.6
17.5°	210.1
20°	184.0
22.5°	161.3
25°	141.4
27.5°	123.6
30°	108.5
32.5°	95.4
35°	83.8
37.5°	73.5
40°	64.5
42.5°	57.0
45°	50.1
47.5°	44.6
50°	39.1
52.5°	34.3
55°	30.2
57.5°	26.8
60°	23.3
62.5°	19.9
65°	17.2
67.5°	14.4
70°	12.4
72.5°	9.6
75°	7.6
77.5°	5.5
80°	4.1
82.5°	2.1
85°	1.4
87.5°	0.0
90°	0.0

(END OF REPORT)