

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: P1275385

Luminaire Tested: P3AS05R259835DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

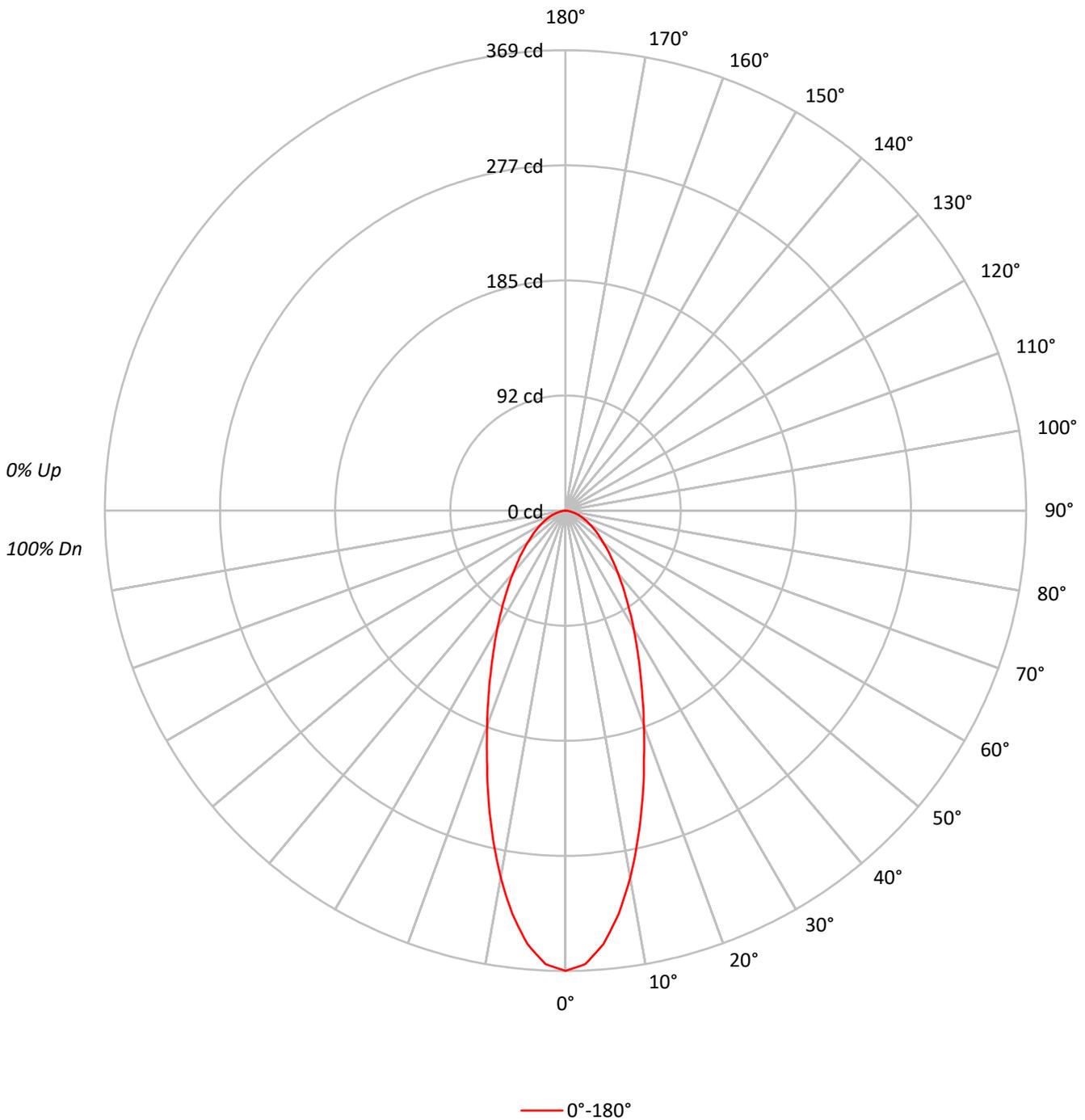
Test Method: LM-79-2019  
Report Number: P1275385  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R259835DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 310.0 lumens  
Efficiency: N/A  
Efficacy: 43.1 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71  
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
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	95	93	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65		
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59		
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55		
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47		
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41		

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

	0°
0°	80893
5°	76777
10°	66510
15°	54143
20°	42774
25°	34115
30°	27650
35°	22513
40°	18664
45°	15723
50°	13304
55°	11699
60°	10262
65°	8976
70°	7886
75°	6608
80°	4925
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15723 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	31.7	10.2
10°-20°	66.1	21.3
20°-30°	65.2	21.0
30°-40°	53.0	17.1
40°-50°	39.4	12.7
50°-60°	27.5	8.9
60°-70°	17.2	5.6
70°-80°	8.3	2.7
80°-90°	1.6	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°	163.0	52.6
0°-40°	216.0	69.7
0°-60°	282.9	91.2
0°-90°	310.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	310.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	369	
5°	349	32
15°	238	66
25°	141	65
35°	84	53
45°	51	39
55°	31	27
65°	17	17
75°	8	8
85°	1	2
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	368.9
2.5°	363.9
5°	348.8
7.5°	326.0
10°	298.7
12.5°	268.6
15°	238.5
17.5°	209.0
20°	183.3
22.5°	161.0
25°	141.0
27.5°	123.7
30°	109.2
32.5°	95.8
35°	84.1
37.5°	74.1
40°	65.2
42.5°	57.4
45°	50.7
47.5°	44.6
50°	39.0
52.5°	34.5
55°	30.6
57.5°	26.7
60°	23.4
62.5°	20.1
65°	17.3
67.5°	14.5
70°	12.3
72.5°	10.0
75°	7.8
77.5°	5.6
80°	3.9
82.5°	2.2
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)