

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: P1276765

Luminaire Tested: P3AS20R259835D010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

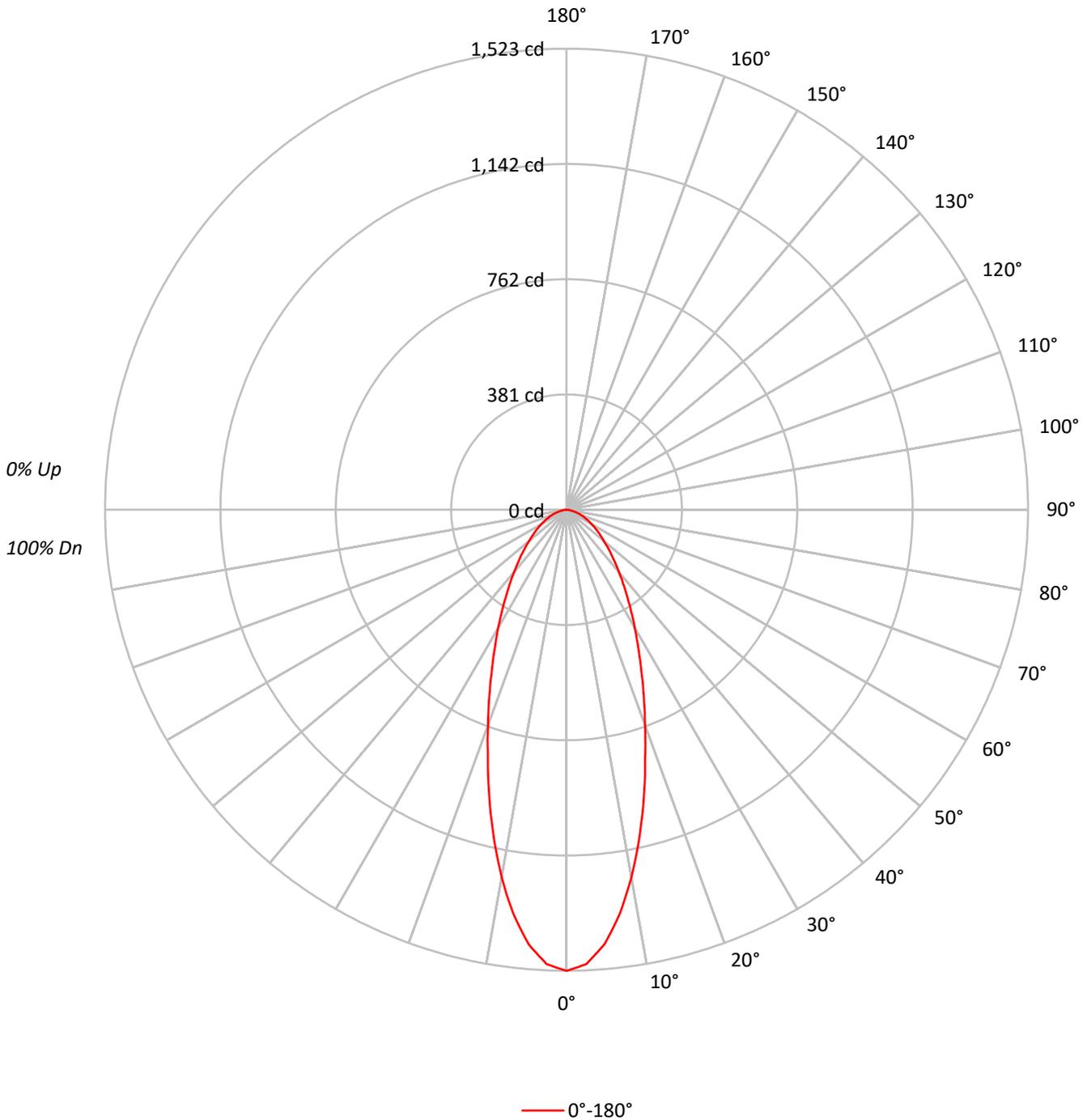
Test Method: LM-79-2019  
Report Number: P1276765  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R259835D010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1279.9 lumens  
Efficiency: N/A  
Efficacy: 46.7 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): 27.4  
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	102	100	
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	92	90	
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	82	80	
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	74	72	
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	67	65	
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	61	59	
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	56	55	
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	52	50	
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	48	47	
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	45	44	
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	42	41	

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

	0°
0°	333986
5°	317014
10°	274589
15°	223543
20°	176625
25°	140839
30°	114169
35°	92996
40°	77059
45°	64937
50°	54924
55°	48361
60°	42365
65°	36995
70°	32441
75°	27281
80°	20331
85°	11573

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 64937 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	130.8	10.2
10°-20°	273.1	21.3
20°-30°	269.1	21.0
30°-40°	219.1	17.1
40°-50°	162.6	12.7
50°-60°	113.5	8.9
60°-70°	71.1	5.6
70°-80°	34.2	2.7
80°-90°	6.6	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°	673.0	52.6
0°-40°	892.1	69.7
0°-60°	1168.1	91.3
0°-90°	1279.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1279.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1523	
5°	1440	131
15°	985	273
25°	582	269
35°	347	219
45°	209	163
55°	126	113
65°	71	71
75°	32	34
85°	5	7
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1523.1
2.5°	1502.4
5°	1440.2
7.5°	1345.9
10°	1233.2
12.5°	1108.9
15°	984.7
17.5°	862.8
20°	756.9
22.5°	664.9
25°	582.1
27.5°	510.8
30°	450.9
32.5°	395.7
35°	347.4
37.5°	306.0
40°	269.2
42.5°	237.0
45°	209.4
47.5°	184.1
50°	161.0
52.5°	142.6
55°	126.5
57.5°	110.4
60°	96.6
62.5°	82.8
65°	71.3
67.5°	59.8
70°	50.6
72.5°	41.4
75°	32.2
77.5°	23.0
80°	16.1
82.5°	9.2
85°	4.6
87.5°	2.3
90°	0.0

(END OF REPORT)