

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: P1271246

Luminaire Tested: P3AS05R259827DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

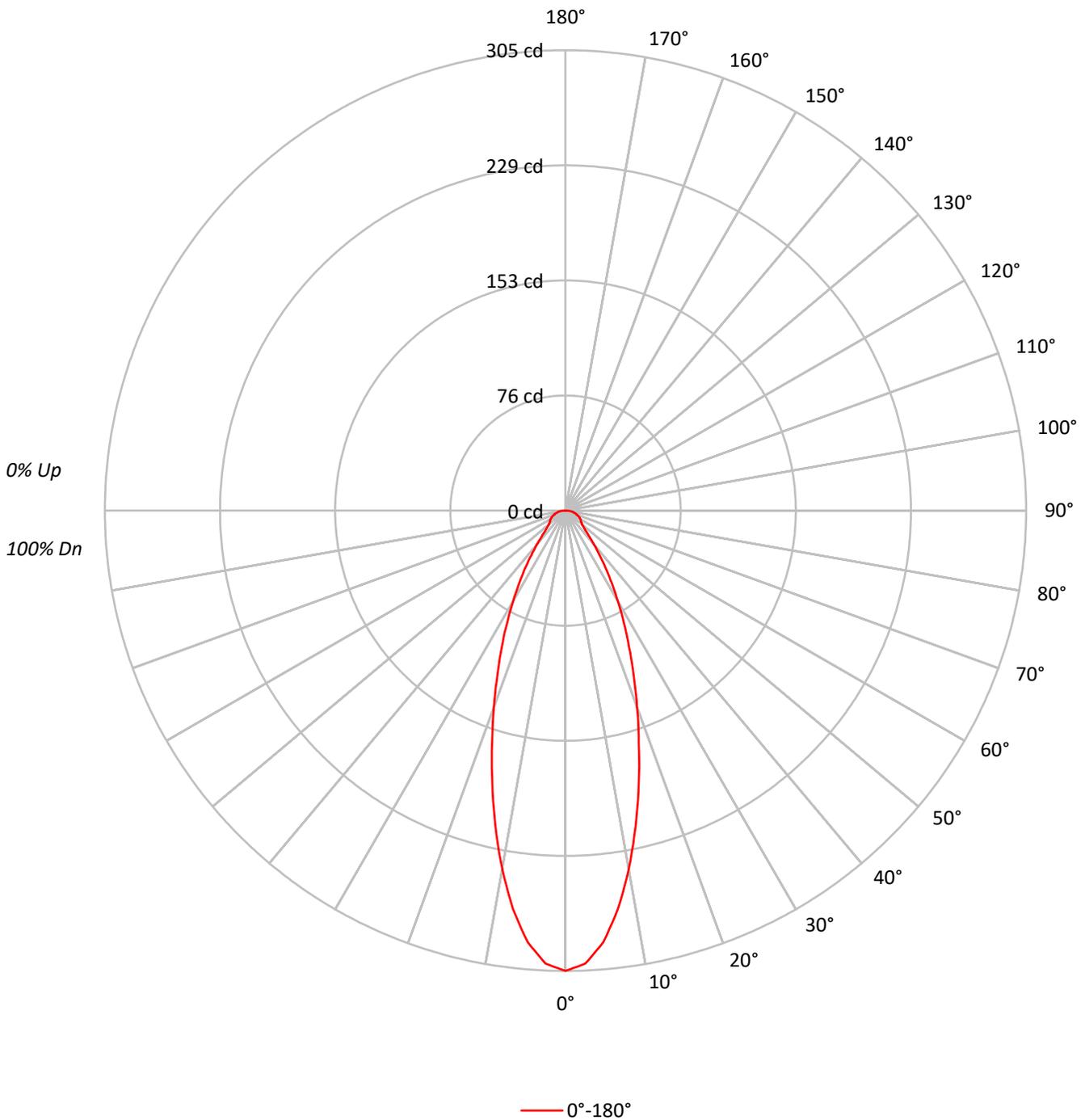
Test Method: LM-79-2019  
Report Number: P1271246  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R259827DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 199.1 lumens  
Efficiency: N/A  
Efficacy: 27.6 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65  
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
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90			90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68			68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63			63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46			46

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

	0°
0°	66859
5°	63174
10°	53706
15°	42520
20°	32319
25°	24098
30°	17547
35°	12394
40°	8416
45°	5861
50°	4912
55°	4779
60°	5043
65°	5189
70°	5129
75°	5507
80°	6314
85°	6290

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 6720 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.9	13.0
10°-20°	51.8	26.0
20°-30°	45.9	23.1
30°-40°	29.2	14.7
40°-50°	15.5	7.8
50°-60°	11.4	5.7
60°-70°	9.7	4.9
70°-80°	6.9	3.4
80°-90°	2.7	1.4
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°	123.7	62.1
0°-40°	152.9	76.8
0°-60°	179.8	90.3
0°-90°	199.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	199.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	305	
5°	287	26
15°	187	52
25°	100	46
35°	46	29
45°	19	15
55°	12	11
65°	10	10
75°	6	7
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	304.9
2.5°	300.4
5°	287.0
7.5°	266.1
10°	241.2
12.5°	214.2
15°	187.3
17.5°	161.4
20°	138.5
22.5°	117.6
25°	99.6
27.5°	83.7
30°	69.3
32.5°	56.8
35°	46.3
37.5°	36.9
40°	29.4
42.5°	23.4
45°	18.9
47.5°	16.4
50°	14.4
52.5°	13.5
55°	12.5
57.5°	12.0
60°	11.5
62.5°	10.5
65°	10.0
67.5°	9.0
70°	8.0
72.5°	7.5
75°	6.5
77.5°	5.5
80°	5.0
82.5°	4.0
85°	2.5
87.5°	1.0
90°	0.0

(END OF REPORT)