

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: P1248490

Luminaire Tested: P3AS05R309027DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

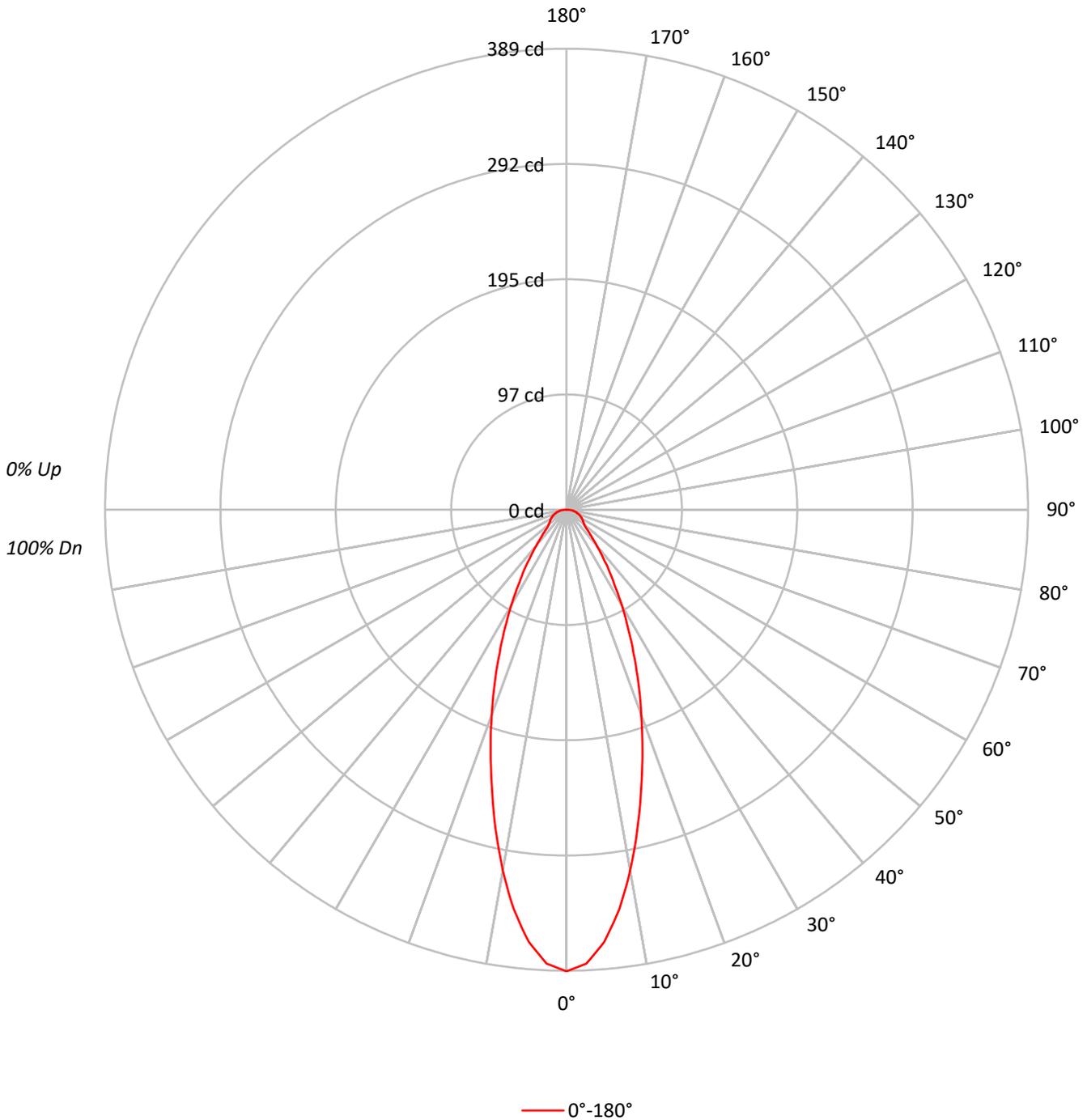
Test Method: LM-79-2019  
Report Number: P1248490  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R309027DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 263.0 lumens  
Efficiency: N/A  
Efficacy: 36.5 lumens/watt  
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67  
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	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	94	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	66	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59	59	59	59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55	55	55	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51	51	51	51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46	46	46	46

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

	0°
0°	85388
5°	80519
10°	68825
15°	55165
20°	42984
25°	32324
30°	23573
35°	16624
40°	11393
45°	8156
50°	6686
55°	6461
60°	6491
65°	6641
70°	6924
75°	7456
80°	7703
85°	8554

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 9072 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.1	12.6
10°-20°	67.5	25.7
20°-30°	61.5	23.4
30°-40°	39.2	14.9
40°-50°	20.9	8.0
50°-60°	15.3	5.8
60°-70°	12.9	4.9
70°-80°	9.0	3.4
80°-90°	3.6	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°	162.1	61.6
0°-40°	201.3	76.5
0°-60°	237.5	90.3
0°-90°	263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	263.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	389	
5°	366	33
15°	243	68
25°	134	61
35°	62	39
45°	26	21
55°	17	15
65°	13	13
75°	9	9
85°	3	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	389.4
2.5°	383.3
5°	365.8
7.5°	340.1
10°	309.1
12.5°	276.0
15°	243.0
17.5°	212.6
20°	184.2
22.5°	157.9
25°	133.6
27.5°	112.0
30°	93.1
32.5°	75.6
35°	62.1
37.5°	49.3
40°	39.8
42.5°	31.7
45°	26.3
47.5°	21.6
50°	19.6
52.5°	18.2
55°	16.9
57.5°	16.2
60°	14.8
62.5°	14.2
65°	12.8
67.5°	12.1
70°	10.8
72.5°	9.4
75°	8.8
77.5°	7.4
80°	6.1
82.5°	5.4
85°	3.4
87.5°	1.3
90°	0.0

(END OF REPORT)