

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: P1264319

Luminaire Tested: P3AS05R359730DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

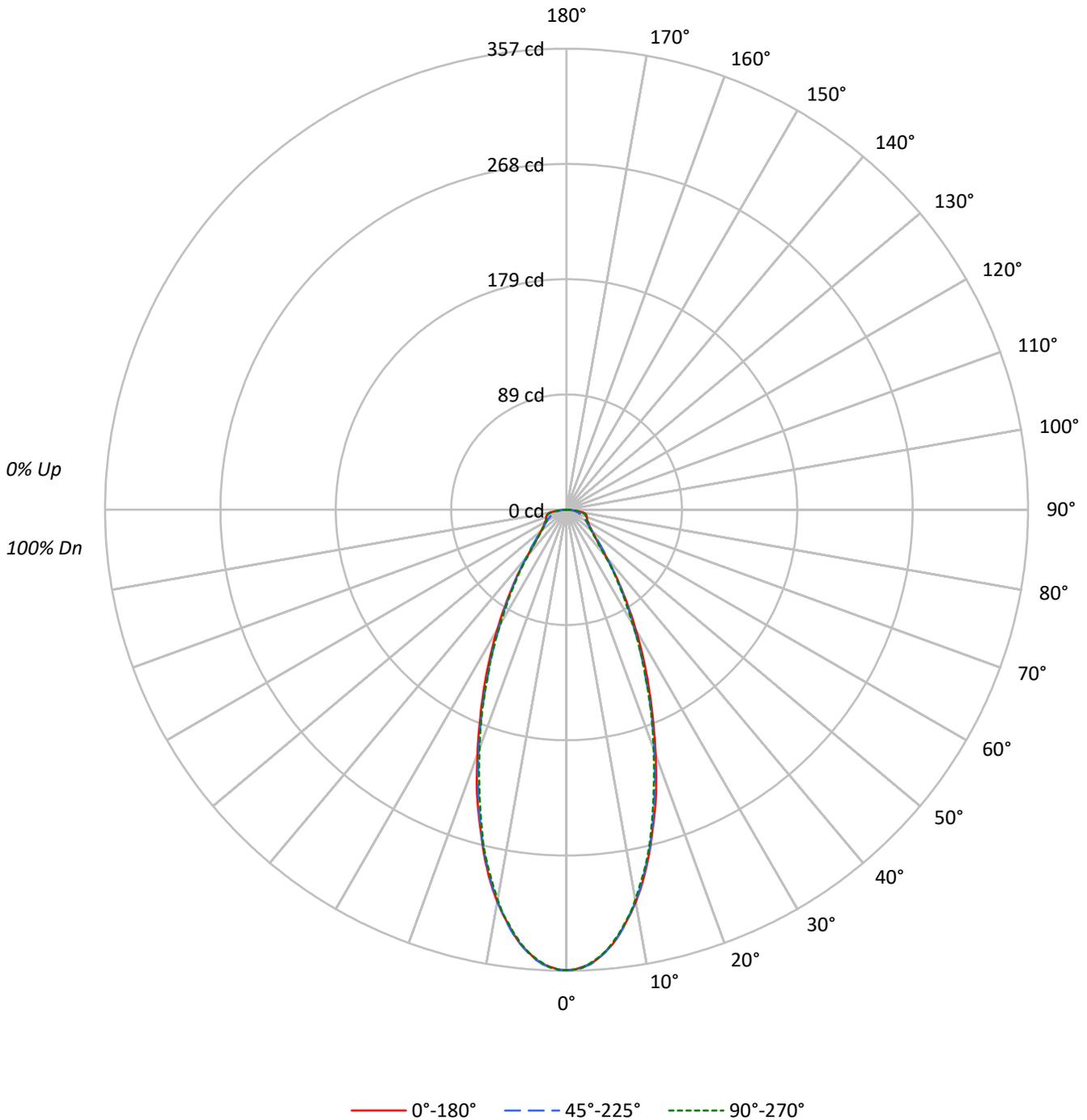
Test Method: LM-79-2019  
Report Number: P1264319  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R359730DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 295.0 lumens  
Efficiency: N/A  
Efficacy: 41.0 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73  
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	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	44	43

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

	0°	45°	90°
0°	78195	78195	78195
5°	75611	75721	75611
10°	68692	68603	68291
15°	58320	58116	57594
20°	46951	46321	45901
25°	36292	35204	35204
30°	27067	26156	25928
35°	19461	19220	18765
40°	13626	13998	13110
45°	10172	10730	9892
50°	8733	8733	8563
55°	8258	7914	8067
60°	8464	7675	8070
65°	9080	7679	8873
70°	10643	8078	10386
75°	13302	8388	12963
80°	17048	9092	15280
85°	13586	9057	13586

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 17048 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	31.7	10.7
10°-20°	70.7	24.0
20°-30°	67.5	22.9
30°-40°	45.3	15.4
40°-50°	26.6	9.0
50°-60°	19.0	6.5
60°-70°	15.8	5.4
70°-80°	13.0	4.4
80°-90°	5.3	1.8
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°	169.8	57.6
0°-40°	215.2	72.9
0°-60°	260.8	88.4
0°-90°	295.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	295.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	357	357	357	357	357	
5°	344	344	344	344	344	32
15°	257	257	256	254	254	71
25°	150	148	146	146	146	69
35°	73	73	72	70	70	46
45°	33	34	35	33	32	26
55°	22	21	21	21	21	20
65°	18	16	15	16	17	17
75°	16	12	10	12	15	16
85°	5	6	4	6	5	6
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	356.6	356.6	356.6	356.6	356.6
1°	356.1	356.6	356.6	356.1	356.1
2°	354.3	355.2	354.8	354.3	354.8
3°	352.1	353.0	352.5	352.1	351.6
4°	348.5	349.4	348.9	348.0	348.0
5°	343.5	344.4	344.0	343.5	343.5
6°	338.6	339.5	338.6	337.7	337.7
7°	331.9	333.2	332.3	331.4	331.0
8°	324.2	325.6	324.7	324.2	323.3
9°	316.6	317.5	316.1	316.1	316.1
10°	308.5	309.0	308.1	306.7	306.7
11°	299.5	299.1	298.6	297.7	296.8
12°	289.6	289.6	288.3	287.4	286.9
13°	279.3	278.9	278.0	277.1	277.1
14°	268.5	268.5	267.6	265.8	266.3
15°	256.9	257.3	256.0	254.2	253.7
17.5°	230.4	229.5	227.2	225.9	224.5
20°	201.2	200.7	198.5	197.1	196.7
22.5°	174.2	173.8	171.5	170.2	171.1
25°	150.0	148.2	145.5	145.5	145.5
27.5°	127.5	125.3	123.5	122.6	123.5
30°	106.9	105.1	103.3	102.8	102.4
32.5°	88.5	87.6	86.7	85.3	85.3
35°	72.7	72.7	71.8	70.5	70.1
37.5°	59.3	59.7	59.3	57.9	57.5
40°	47.6	48.5	48.9	47.6	45.8
42.5°	39.1	40.4	41.3	39.1	37.7
45°	32.8	33.7	34.6	32.8	31.9
47.5°	28.7	29.2	29.6	28.3	27.8
50°	25.6	25.6	25.6	25.1	25.1
52.5°	23.4	23.4	22.9	22.5	22.5
55°	21.6	21.1	20.7	20.7	21.1
57.5°	20.2	19.8	18.9	19.3	19.8
60°	19.3	18.4	17.5	18.0	18.4
62.5°	18.0	17.1	16.2	16.6	17.5
65°	17.5	15.7	14.8	15.7	17.1
67.5°	17.1	14.8	13.5	14.8	16.6
70°	16.6	13.9	12.6	13.9	16.2
72.5°	16.2	13.0	11.2	13.0	15.7
75°	15.7	12.1	9.9	12.1	15.3
77.5°	14.8	11.2	8.5	11.2	13.9
80°	13.5	10.3	7.2	9.9	12.1
82.5°	9.9	8.5	5.8	8.5	9.0
85°	5.4	5.8	3.6	5.8	5.4
87.5°	0.4	0.9	0.9	2.7	1.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)