

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: P1289195

Luminaire Tested: P3AS05R35W2N902750DE010 E3PHLP1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

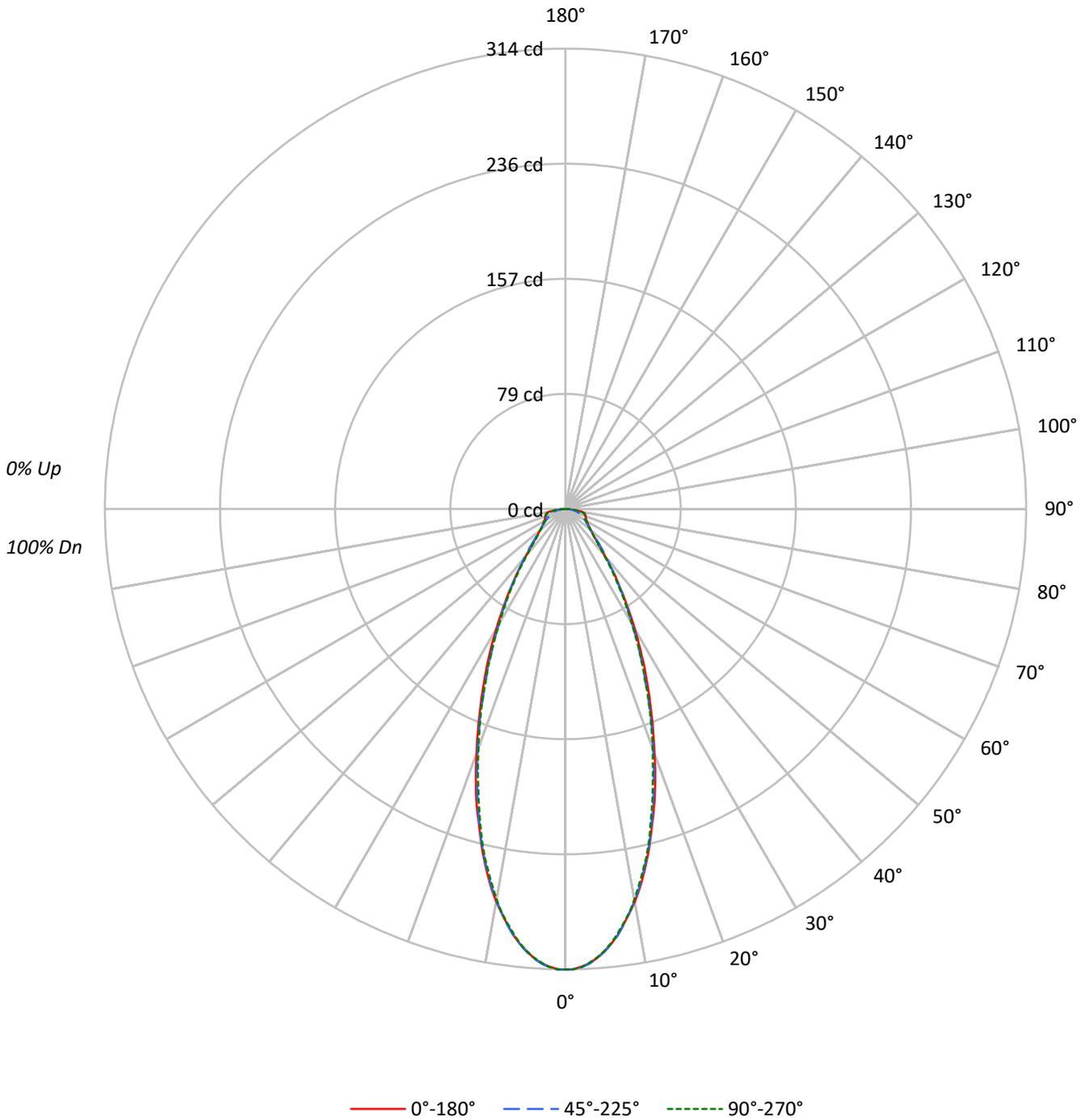
Test Method: LM-79-2019  
Report Number: P1289195  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R35W2N902750DE010 E3PHLP1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 260.0 lumens  
Efficiency: N/A  
Efficacy: 44.1 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): 5.9  
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	100	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89	89	89	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	79	79	79	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72	72	72	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65	65	65	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	60	60	60	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56	56	56	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	52	52	52	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	49	49	49	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	46	46	46	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43	43	43	43

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

	0°	45°	90°
0°	68898	68898	68898
5°	66652	66740	66652
10°	60542	60453	60186
15°	51396	51215	50761
20°	41374	40814	40464
25°	31986	31018	31018
30°	23852	23042	22839
35°	17159	16945	16517
40°	12023	12337	11565
45°	8962	9458	8714
50°	7710	7710	7573
55°	7264	6958	7111
60°	7456	6754	7105
65°	7990	6797	7783
70°	9361	7117	9104
75°	11777	7371	11438
80°	15027	7956	13512
85°	11825	8051	11825

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 15027 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.9	10.7
10°-20°	62.3	24.0
20°-30°	59.5	22.9
30°-40°	39.9	15.4
40°-50°	23.5	9.0
50°-60°	16.8	6.5
60°-70°	14.0	5.4
70°-80°	11.5	4.4
80°-90°	4.7	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
<b>0°-30°</b>	<b>149.7</b>	<b>57.6</b>
<b>0°-40°</b>	<b>189.6</b>	<b>72.9</b>
<b>0°-60°</b>	<b>229.9</b>	<b>88.4</b>
<b>0°-90°</b>	<b>260.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>260.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	314	314	314	314	314	
5°	303	304	303	303	303	28
15°	226	227	226	224	224	63
25°	132	131	128	128	128	61
35°	64	64	63	62	62	41
45°	29	30	30	29	28	23
55°	19	19	18	18	19	17
65°	15	14	13	14	15	15
75°	14	11	9	11	14	14
85°	5	5	3	5	5	5
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	314.2	314.2	314.2	314.2	314.2
1°	313.9	314.2	314.2	313.9	313.9
2°	312.3	313.1	312.7	312.3	312.7
3°	310.3	311.1	310.7	310.3	309.9
4°	307.1	307.9	307.5	306.7	306.7
5°	302.8	303.6	303.2	302.8	302.8
6°	298.4	299.2	298.4	297.6	297.6
7°	292.5	293.7	292.9	292.1	291.7
8°	285.8	286.9	286.1	285.8	285.0
9°	279.0	279.8	278.6	278.6	278.6
10°	271.9	272.3	271.5	270.3	270.3
11°	264.0	263.6	263.2	262.4	261.6
12°	255.3	255.3	254.1	253.3	252.9
13°	246.2	245.8	245.0	244.2	244.2
14°	236.7	236.7	235.9	234.3	234.7
15°	226.4	226.8	225.6	224.0	223.6
17.5°	203.0	202.2	200.3	199.1	197.9
20°	177.3	176.9	174.9	173.7	173.4
22.5°	153.6	153.2	151.2	150.0	150.8
25°	132.2	130.6	128.2	128.2	128.2
27.5°	112.4	110.4	108.8	108.0	108.8
30°	94.2	92.6	91.0	90.6	90.2
32.5°	78.0	77.2	76.4	75.2	75.2
35°	64.1	64.1	63.3	62.1	61.7
37.5°	52.2	52.6	52.2	51.1	50.7
40°	42.0	42.7	43.1	42.0	40.4
42.5°	34.4	35.6	36.4	34.4	33.2
45°	28.9	29.7	30.5	28.9	28.1
47.5°	25.3	25.7	26.1	24.9	24.5
50°	22.6	22.6	22.6	22.2	22.2
52.5°	20.6	20.6	20.2	19.8	19.8
55°	19.0	18.6	18.2	18.2	18.6
57.5°	17.8	17.4	16.6	17.0	17.4
60°	17.0	16.2	15.4	15.8	16.2
62.5°	15.8	15.0	14.2	14.6	15.4
65°	15.4	13.9	13.1	13.9	15.0
67.5°	15.0	13.1	11.9	13.1	14.6
70°	14.6	12.3	11.1	12.3	14.2
72.5°	14.2	11.5	9.9	11.5	13.9
75°	13.9	10.7	8.7	10.7	13.5
77.5°	13.1	9.9	7.5	9.9	12.3
80°	11.9	9.1	6.3	8.7	10.7
82.5°	8.7	7.5	5.1	7.5	7.9
85°	4.7	5.1	3.2	5.1	4.7
87.5°	0.4	0.8	0.8	2.4	1.6



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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)