

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: P1281566

Luminaire Tested: P3AS05R35B2750DE010 E3PHLP1MW\_5000K

Issue Date: 1/29/2026

**Test Information**

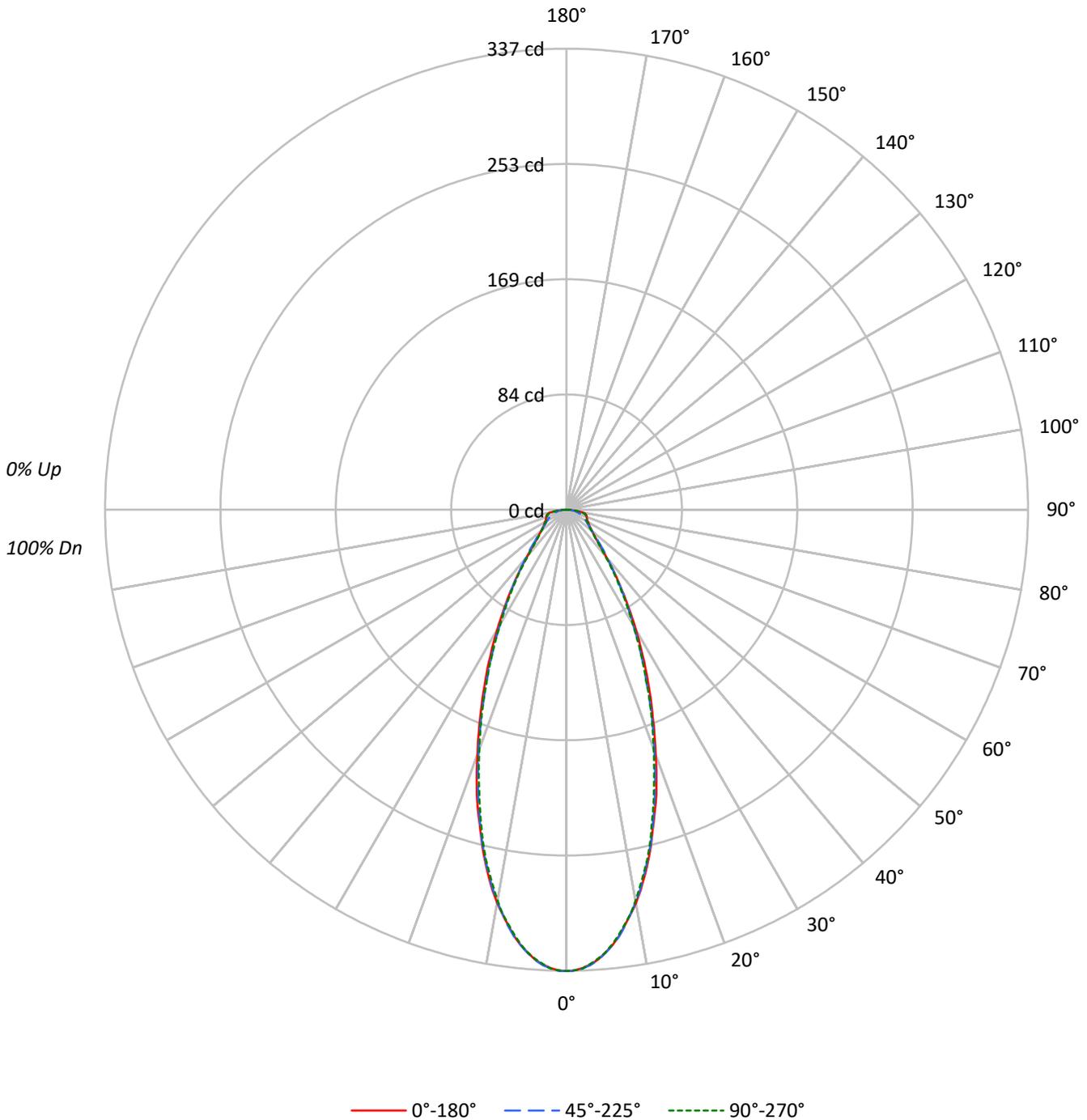
Test Method: LM-79-2019  
Report Number: P1281566  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R35B2750DE010 E3PHLP1MW\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 279.0 lumens  
Efficiency: N/A  
Efficacy: 47.3 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89		
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	79		
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72		
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65		
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	60		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56		
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	52		
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	49		
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	46		
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43		

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

	0°	45°	90°
0°	73941	73941	73941
5°	71516	71604	71516
10°	64973	64862	64595
15°	55142	54961	54484
20°	44407	43800	43404
25°	34333	33292	33292
30°	25599	24738	24510
35°	18417	18203	17748
40°	12881	13253	12395
45°	9613	10141	9365
50°	8256	8256	8119
55°	7799	7455	7646
60°	8026	7280	7631
65°	8613	7264	8354
70°	10066	7629	9809
75°	12624	7879	12200
80°	16037	8587	14522
85°	12831	8554	12831

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 16037 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.0	10.7
10°-20°	66.8	24.0
20°-30°	63.8	22.9
30°-40°	42.9	15.4
40°-50°	25.2	9.0
50°-60°	18.0	6.5
60°-70°	15.0	5.4
70°-80°	12.3	4.4
80°-90°	5.0	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°	160.6	57.6
0°-40°	203.5	72.9
0°-60°	246.7	88.4
0°-90°	279.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	337	337	337	337	337	
5°	325	326	325	325	325	30
15°	243	243	242	240	240	67
25°	142	140	138	138	138	65
35°	69	69	68	67	66	44
45°	31	32	33	31	30	25
55°	20	20	20	20	20	19
65°	17	15	14	15	16	17
75°	15	12	9	12	14	15
85°	5	6	3	6	5	6
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	337.2	337.2	337.2	337.2	337.2
1°	336.8	337.2	337.2	336.8	336.8
2°	335.1	335.9	335.5	335.1	335.5
3°	333.0	333.8	333.4	333.0	332.5
4°	329.6	330.4	330.0	329.1	329.1
5°	324.9	325.7	325.3	324.9	324.9
6°	320.2	321.1	320.2	319.4	319.4
7°	313.9	315.1	314.3	313.4	313.0
8°	306.6	307.9	307.1	306.6	305.8
9°	299.4	300.3	299.0	299.0	299.0
10°	291.8	292.2	291.3	290.1	290.1
11°	283.3	282.9	282.4	281.6	280.7
12°	273.9	273.9	272.7	271.8	271.4
13°	264.2	263.7	262.9	262.0	262.0
14°	254.0	254.0	253.1	251.4	251.8
15°	242.9	243.4	242.1	240.4	240.0
17.5°	217.9	217.0	214.9	213.6	212.4
20°	190.3	189.8	187.7	186.4	186.0
22.5°	164.8	164.4	162.2	161.0	161.8
25°	141.9	140.2	137.6	137.6	137.6
27.5°	120.6	118.5	116.8	115.9	116.8
30°	101.1	99.4	97.7	97.3	96.8
32.5°	83.7	82.8	82.0	80.7	80.7
35°	68.8	68.8	68.0	66.7	66.3
37.5°	56.1	56.5	56.1	54.8	54.4
40°	45.0	45.9	46.3	45.0	43.3
42.5°	36.9	38.2	39.1	36.9	35.7
45°	31.0	31.9	32.7	31.0	30.2
47.5°	27.2	27.6	28.0	26.8	26.3
50°	24.2	24.2	24.2	23.8	23.8
52.5°	22.1	22.1	21.7	21.2	21.2
55°	20.4	20.0	19.5	19.5	20.0
57.5°	19.1	18.7	17.8	18.3	18.7
60°	18.3	17.4	16.6	17.0	17.4
62.5°	17.0	16.1	15.3	15.7	16.6
65°	16.6	14.9	14.0	14.9	16.1
67.5°	16.1	14.0	12.7	14.0	15.7
70°	15.7	13.2	11.9	13.2	15.3
72.5°	15.3	12.3	10.6	12.3	14.9
75°	14.9	11.5	9.3	11.5	14.4
77.5°	14.0	10.6	8.1	10.6	13.2
80°	12.7	9.8	6.8	9.3	11.5
82.5°	9.3	8.1	5.5	8.1	8.5
85°	5.1	5.5	3.4	5.5	5.1
87.5°	0.4	0.8	0.8	2.5	1.7



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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)