

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: P1300660

Luminaire Tested: P3AS17R35W2N902765DE010 E3DL1WMH\_5000K

Issue Date: 1/30/2026

**Test Information**

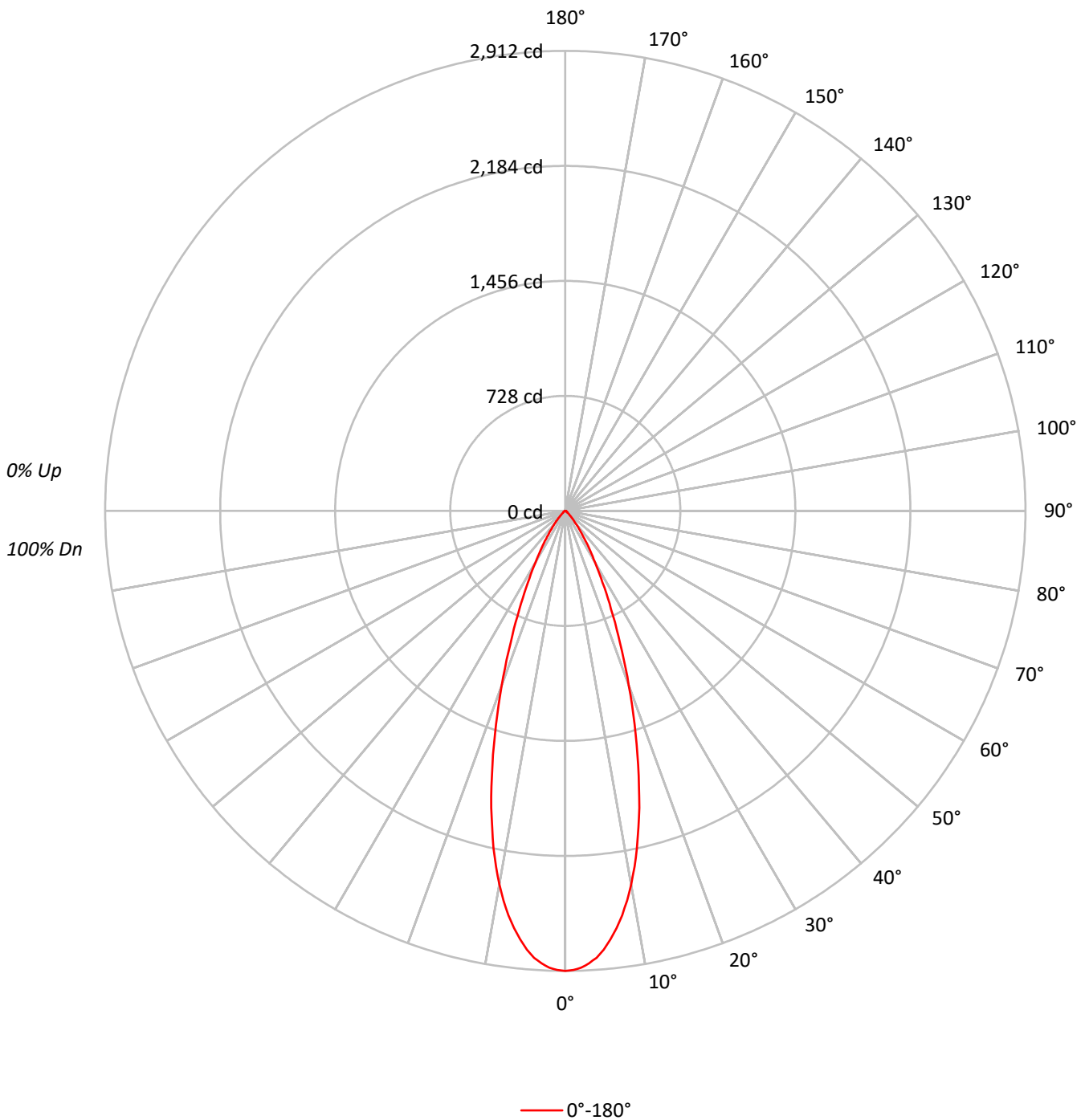
Test Method: LM-79-2019  
Report Number: P1300660  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R35W2N902765DE010 E3DL1WMH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,  
E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1265.9 lumens  
Efficiency: N/A  
Efficacy: 65.3 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.4  
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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95		
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90		
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85		
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80		
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	77		
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73		
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70		
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67		
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64		
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61		

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

	0°
0°	638523
5°	613646
10°	534682
15°	409537
20°	273980
25°	165784
30°	95129
35°	53190
40°	28253
45°	14575
50°	6993
55°	5543
60°	5263
65°	4358
70°	4616
75°	4067
80°	4546
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14575 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	253.7	20.0
10°-20°	491.5	38.8
20°-30°	321.8	25.4
30°-40°	130.5	10.3
40°-50°	39.2	3.1
50°-60°	13.3	1.1
60°-70°	8.9	0.7
70°-80°	5.2	0.4
80°-90°	1.8	0.1
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°	1067.0	84.3
0°-40°	1197.5	94.6
0°-60°	1250.0	98.7
0°-90°	1265.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1265.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2912	
5°	2788	254
15°	1804	492
25°	685	322
35°	199	131
45°	47	39
55°	14	13
65°	8	9
75°	5	5
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2911.9
1°	2907.0
2°	2893.8
3°	2867.3
4°	2836.0
5°	2787.8
6°	2727.6
7°	2660.2
8°	2584.3
9°	2497.6
10°	2401.3
11°	2294.1
12°	2182.1
13°	2056.8
14°	1937.6
15°	1804.0
17.5°	1480.0
20°	1174.1
22.5°	903.2
25°	685.2
27.5°	510.6
30°	375.7
32.5°	275.8
35°	198.7
37.5°	140.9
40°	98.7
42.5°	68.6
45°	47.0
47.5°	31.3
50°	20.5
52.5°	15.7
55°	14.5
57.5°	13.2
60°	12.0
62.5°	10.8
65°	8.4
67.5°	7.2
70°	7.2
72.5°	6.0
75°	4.8
77.5°	3.6
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)