

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: P1296860

Luminaire Tested: P3AS13R35W2N902765DE010 E3DL1WH\_6500K

Issue Date: 1/30/2026

**Test Information**

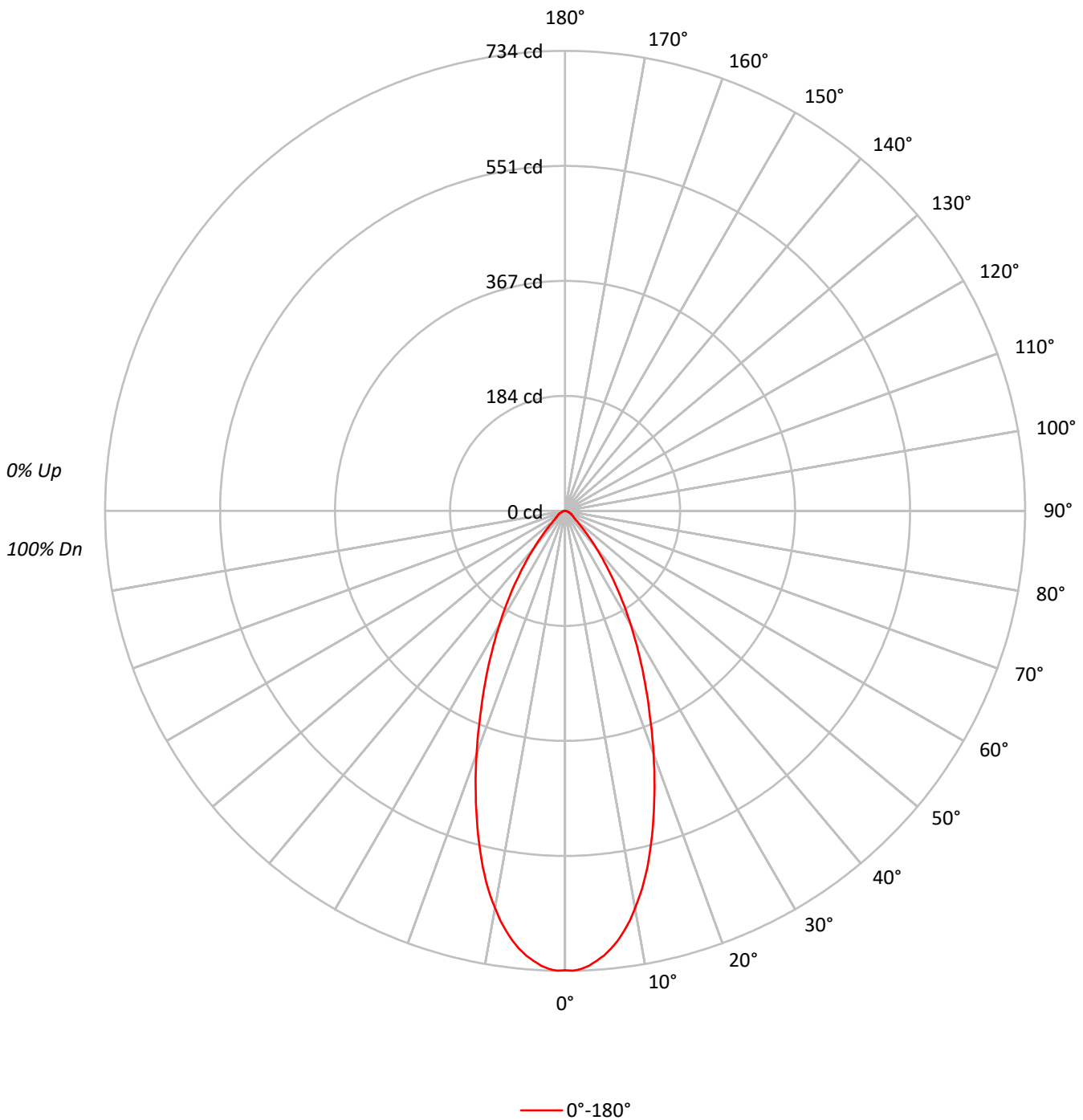
Test Method: LM-79-2019  
Report Number: P1296860  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R35W2N902765DE010 E3DL1WH\_6500K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 6500K CCT AND, 90CRI ,  
E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 500.0 lumens  
Efficiency: N/A  
Efficacy: 40.7 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.3  
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			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54			
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			

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

	0°
0°	160711
5°	156746
10°	143306
15°	121635
20°	96282
25°	72827
30°	53021
35°	35871
40°	22041
45°	12652
50°	7607
55°	6193
60°	5394
65°	4774
70°	3975
75°	3897
80°	3915
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12652 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	65.8	13.2
10°-20°	147.7	29.5
20°-30°	138.2	27.6
30°-40°	84.6	16.9
40°-50°	33.3	6.7
50°-60°	14.7	2.9
60°-70°	9.1	1.8
70°-80°	4.9	1.0
80°-90°	1.7	0.3
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°	351.7	70.3
0°-40°	436.3	87.3
0°-60°	484.3	96.9
0°-90°	500.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	500.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	733	
5°	712	66
15°	536	148
25°	301	138
35°	134	85
45°	41	33
55°	16	15
65°	9	9
75°	5	5
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	732.9
1°	733.7
2°	731.4
3°	726.8
4°	719.8
5°	712.1
6°	702.1
7°	690.6
8°	676.7
9°	661.3
10°	643.6
11°	625.1
12°	605.1
13°	583.6
14°	559.7
15°	535.8
17.5°	474.2
20°	412.6
22.5°	353.4
25°	301.0
27.5°	252.5
30°	209.4
32.5°	169.4
35°	134.0
37.5°	102.4
40°	77.0
42.5°	55.4
45°	40.8
47.5°	29.3
50°	22.3
52.5°	18.5
55°	16.2
57.5°	13.9
60°	12.3
62.5°	10.8
65°	9.2
67.5°	7.7
70°	6.2
72.5°	5.4
75°	4.6
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)