

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: P1296742

Luminaire Tested: P3A13R35W2N902750DE010 E3DLD1WMH\_4000K

Issue Date: 1/30/2026

**Test Information**

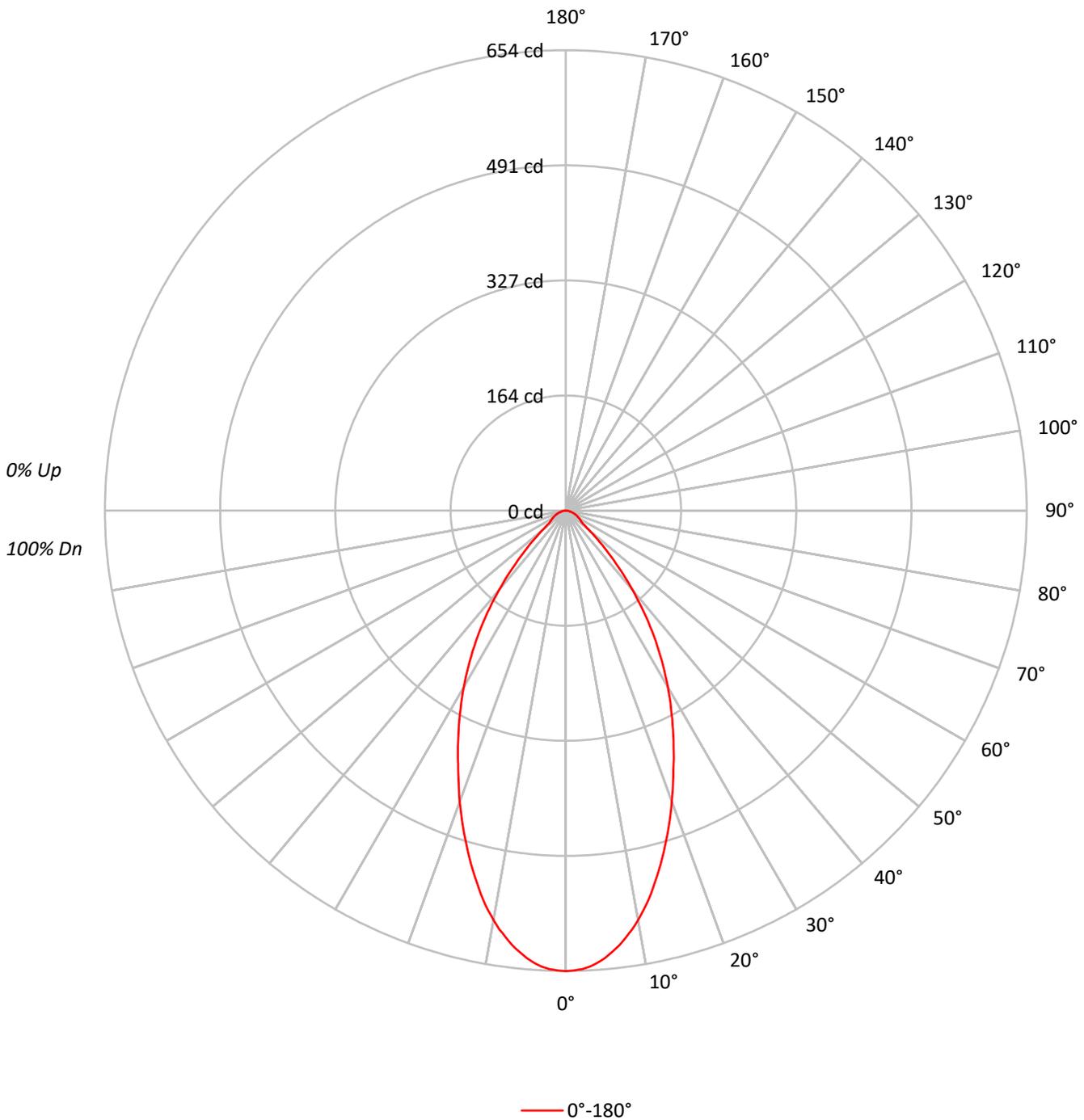
Test Method: LM-79-2019  
Report Number: P1296742  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R35W2N902750DE010 E3DLD1WMH\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 90CRI ,  
E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 628.0 lumens  
Efficiency: N/A  
Efficacy: 51.1 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

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

	0°
0°	143453
5°	140413
10°	131505
15°	118026
20°	102676
25°	87489
30°	73302
35°	58384
40°	42193
45°	26700
50°	14567
55°	10093
60°	9517
65°	8873
70°	8463
75°	7202
80°	6819
85°	5787

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 26700 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	59.4	9.5
10°-20°	144.7	23.0
20°-30°	165.8	26.4
30°-40°	135.3	21.5
40°-50°	68.2	10.9
50°-60°	25.3	4.0
60°-70°	17.0	2.7
70°-80°	9.4	1.5
80°-90°	2.9	0.5
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°	369.9	58.9
0°-40°	505.2	80.4
0°-60°	598.8	95.3
0°-90°	628.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	628.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	654	
5°	638	59
15°	520	145
25°	362	166
35°	218	135
45°	86	68
55°	26	25
65°	17	17
75°	8	9
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	654.2
1°	653.4
2°	651.9
3°	648.8
4°	644.1
5°	637.9
6°	630.1
7°	622.4
8°	612.3
9°	602.2
10°	590.6
11°	578.2
12°	565.0
13°	550.2
14°	534.7
15°	519.9
17.5°	480.4
20°	440.0
22.5°	398.9
25°	361.6
27.5°	325.2
30°	289.5
32.5°	253.8
35°	218.1
37.5°	182.4
40°	147.4
42.5°	114.9
45°	86.1
47.5°	62.1
50°	42.7
52.5°	31.0
55°	26.4
57.5°	24.1
60°	21.7
62.5°	19.4
65°	17.1
67.5°	14.7
70°	13.2
72.5°	10.9
75°	8.5
77.5°	7.0
80°	5.4
82.5°	3.9
85°	2.3
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)