

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: P1265035

Luminaire Tested: P3AS13R259730DE010 E3DLD1H

Issue Date: 1/30/2026

**Test Information**

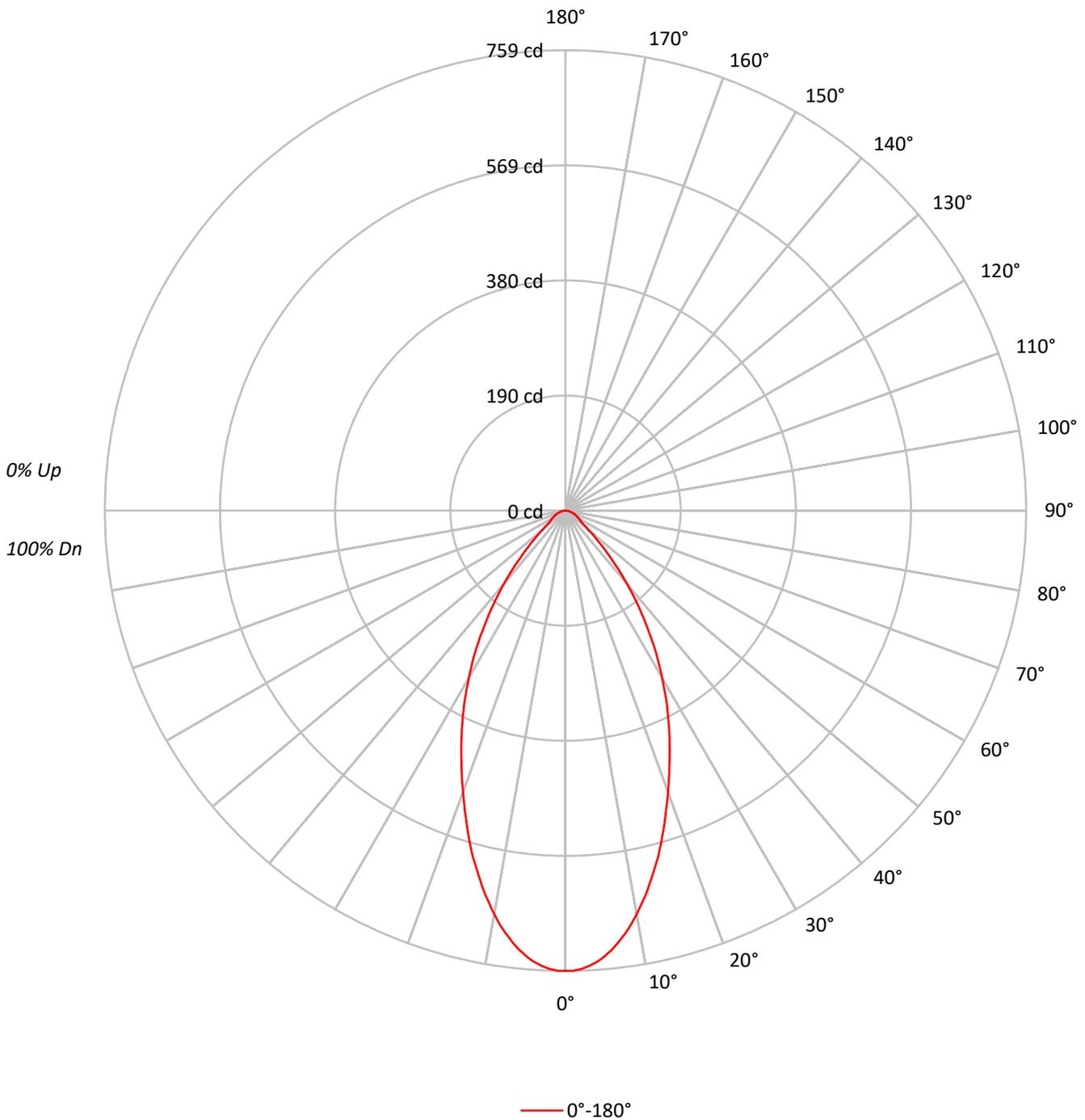
Test Method: LM-79-2019  
Report Number: P1265035  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R259730DE010 E3DLD1H  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 700.0 lumens  
Efficiency: N/A  
Efficacy: 47.9 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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	105	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			

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

	0°
0°	166368
5°	162403
10°	150476
15°	134030
20°	115183
25°	97893
30°	80595
35°	62801
40°	45170
45°	28654
50°	16955
55°	11660
60°	10701
65°	9962
70°	8976
75°	8133
80°	7703
85°	6542

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 28654 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.4	9.8
10°-20°	163.9	23.4
20°-30°	185.2	26.5
30°-40°	146.5	20.9
40°-50°	74.0	10.6
50°-60°	29.6	4.2
60°-70°	19.0	2.7
70°-80°	10.5	1.5
80°-90°	3.0	0.4
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°	417.5	59.6
0°-40°	564.0	80.6
0°-60°	667.6	95.4
0°-90°	700.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	700.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	759	
5°	738	68
15°	590	164
25°	405	185
35°	235	146
45°	92	74
55°	30	30
65°	19	19
75°	10	10
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	758.7
1°	758.7
2°	756.1
3°	751.7
4°	745.6
5°	737.8
6°	728.2
7°	716.8
8°	704.6
9°	690.7
10°	675.8
11°	659.3
12°	643.6
13°	625.3
14°	607.8
15°	590.4
17.5°	541.5
20°	493.6
22.5°	448.2
25°	404.6
27.5°	361.9
30°	318.3
32.5°	277.3
35°	234.6
37.5°	195.3
40°	157.8
42.5°	123.0
45°	92.4
47.5°	68.9
50°	49.7
52.5°	37.5
55°	30.5
57.5°	27.9
60°	24.4
62.5°	21.8
65°	19.2
67.5°	16.6
70°	14.0
72.5°	12.2
75°	9.6
77.5°	7.8
80°	6.1
82.5°	4.4
85°	2.6
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)