

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: P1257557

Luminaire Tested: P3AS13R609040DE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

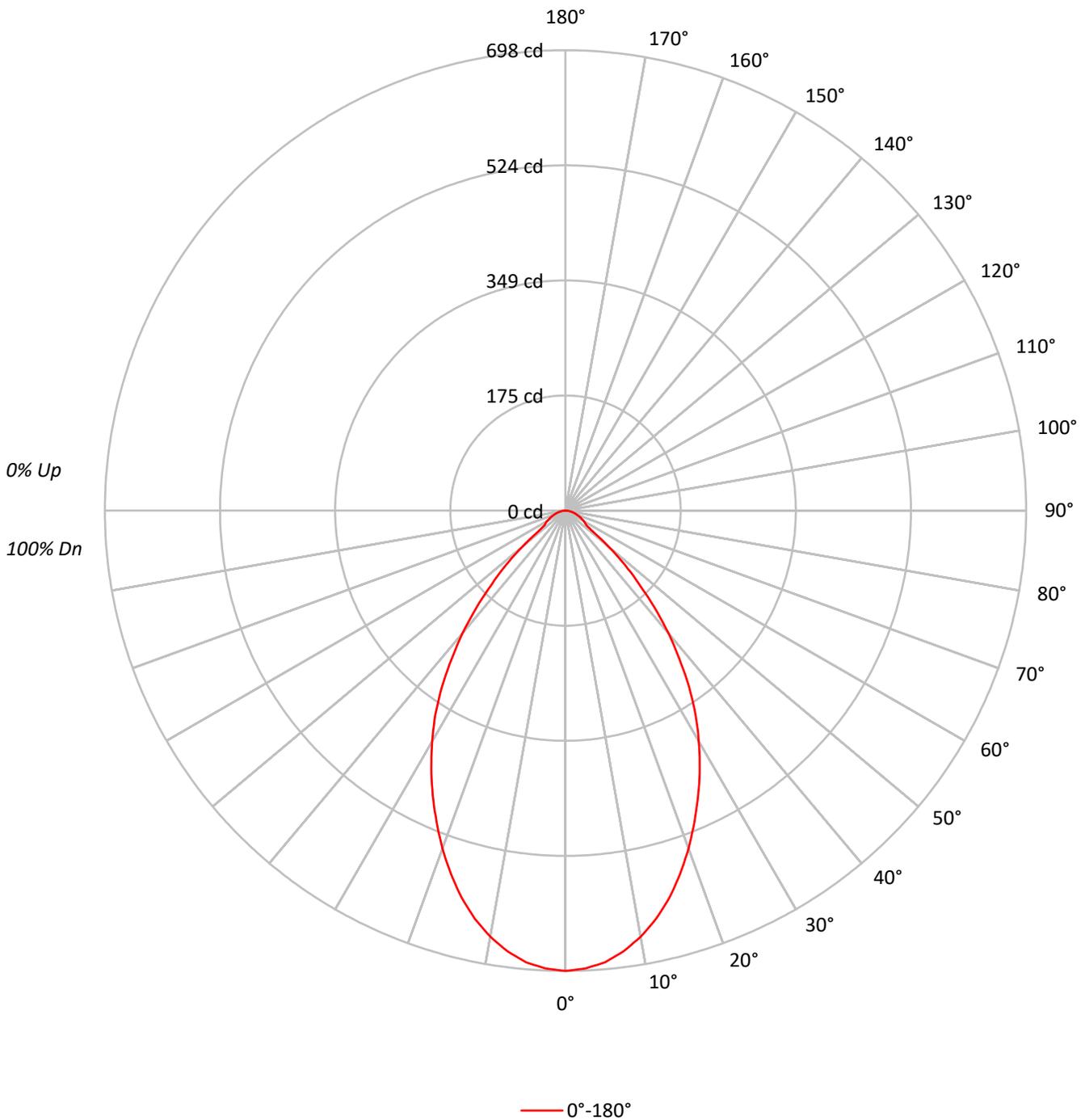
Test Method: LM-79-2019  
Report Number: P1257557  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R609040DE010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 862.0 lumens  
Efficiency: N/A  
Efficacy: 59.0 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			

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

	0°
0°	153014
5°	151309
10°	146067
15°	137980
20°	127201
25°	115168
30°	102244
35°	87375
40°	69473
45°	48997
50°	29270
55°	14795
60°	14209
65°	13023
70°	12053
75°	11522
80°	10607
85°	7799

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 48997 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	64.6	7.5
10°-20°	169.9	19.7
20°-30°	218.1	25.3
30°-40°	202.2	23.5
40°-50°	123.1	14.3
50°-60°	41.0	4.8
60°-70°	25.0	2.9
70°-80°	14.1	1.6
80°-90°	4.0	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°	452.6	52.5
0°-40°	654.8	76.0
0°-60°	819.0	95.0
0°-90°	862.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	862.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	698	
5°	687	65
15°	608	170
25°	476	218
35°	326	202
45°	158	123
55°	39	41
65°	25	25
75°	14	14
85°	3	4
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	697.8
2.5°	694.7
5°	687.4
7.5°	673.8
10°	656.0
12.5°	634.0
15°	607.8
17.5°	577.5
20°	545.1
22.5°	510.5
25°	476.0
27.5°	440.5
30°	403.8
32.5°	367.2
35°	326.4
37.5°	283.5
40°	242.7
42.5°	199.8
45°	158.0
47.5°	122.4
50°	85.8
52.5°	51.3
55°	38.7
57.5°	35.6
60°	32.4
62.5°	28.2
65°	25.1
67.5°	22.0
70°	18.8
72.5°	15.7
75°	13.6
77.5°	10.5
80°	8.4
82.5°	5.2
85°	3.1
87.5°	2.1
90°	0.0

(END OF REPORT)