

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: P1257344

Luminaire Tested: P3AS13R259040DE010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

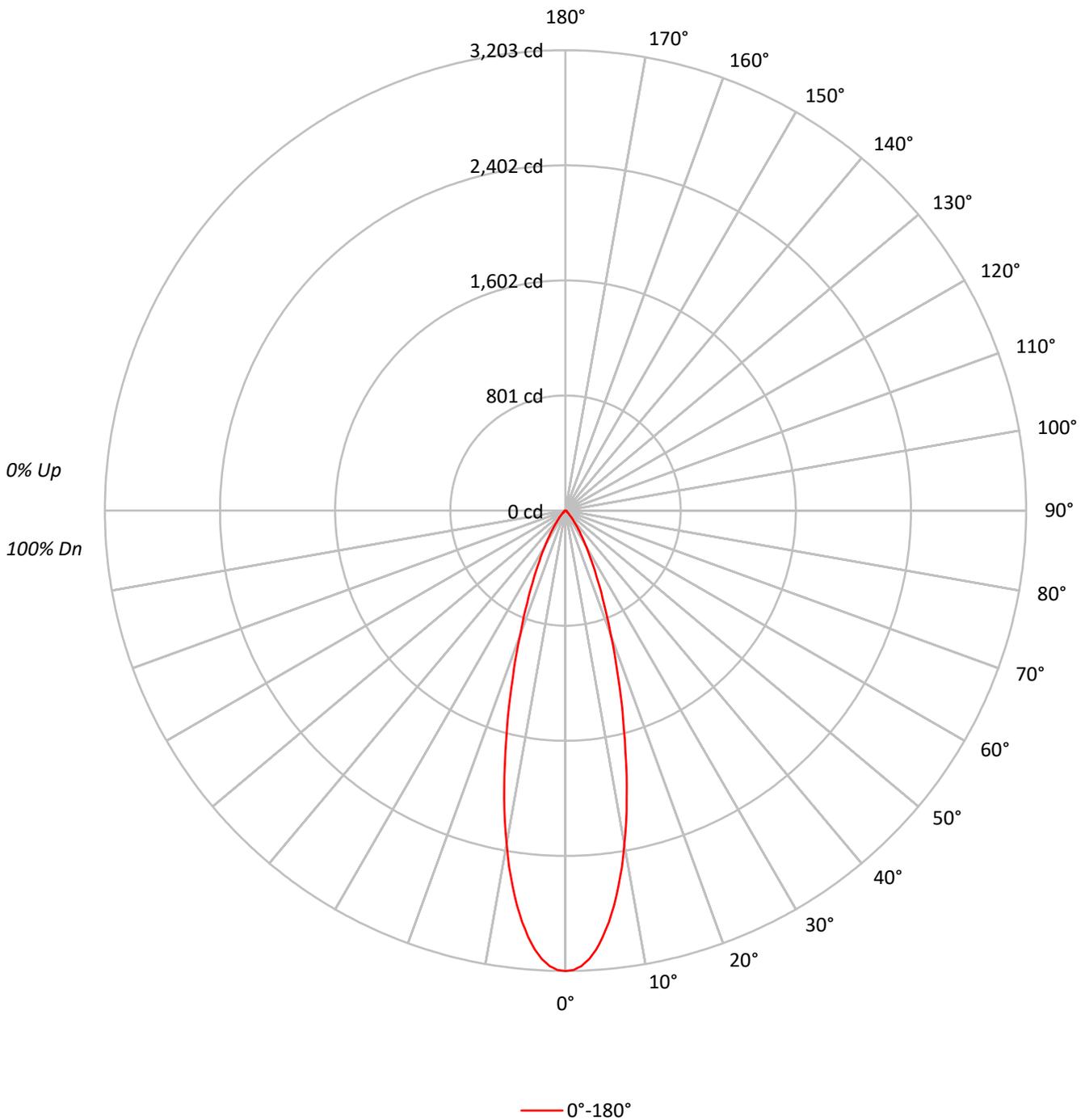
Test Method: LM-79-2019  
Report Number: P1257344  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R259040DE010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1095.0 lumens  
Efficiency: N/A  
Efficacy: 75.0 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
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				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	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64	64

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

	0°
0°	702400
5°	655336
10°	524974
15°	356347
20°	215619
25°	126080
30°	71809
35°	39511
40°	20982
45°	11040
50°	6413
55°	4817
60°	4122
65°	4358
70°	4039
75°	3558
80°	2652
85°	2516

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11040 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	264.2	24.1
10°-20°	431.5	39.4
20°-30°	246.6	22.5
30°-40°	97.3	8.9
40°-50°	29.8	2.7
50°-60°	11.8	1.1
60°-70°	7.9	0.7
70°-80°	4.4	0.4
80°-90°	1.4	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°	942.3	86.1
0°-40°	1039.6	94.9
0°-60°	1081.3	98.7
0°-90°	1095.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1095.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3203	
5°	2977	264
15°	1570	432
25°	521	247
35°	148	97
45°	36	30
55°	13	12
65°	8	8
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3203.2
1°	3196.9
2°	3170.8
3°	3124.7
4°	3060.9
5°	2977.2
6°	2878.8
7°	2767.9
8°	2639.2
9°	2507.3
10°	2357.7
11°	2210.1
12°	2047.9
13°	1887.8
14°	1723.5
15°	1569.7
17.5°	1217.0
20°	924.0
22.5°	693.8
25°	521.1
27.5°	386.1
30°	283.6
32.5°	205.1
35°	147.6
37.5°	104.6
40°	73.3
42.5°	50.2
45°	35.6
47.5°	25.1
50°	18.8
52.5°	14.7
55°	12.6
57.5°	11.5
60°	9.4
62.5°	8.4
65°	8.4
67.5°	7.3
70°	6.3
72.5°	5.2
75°	4.2
77.5°	3.1
80°	2.1
82.5°	2.1
85°	1.0
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)