

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: P1271000

Luminaire Tested: P3AS02R459827DE010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

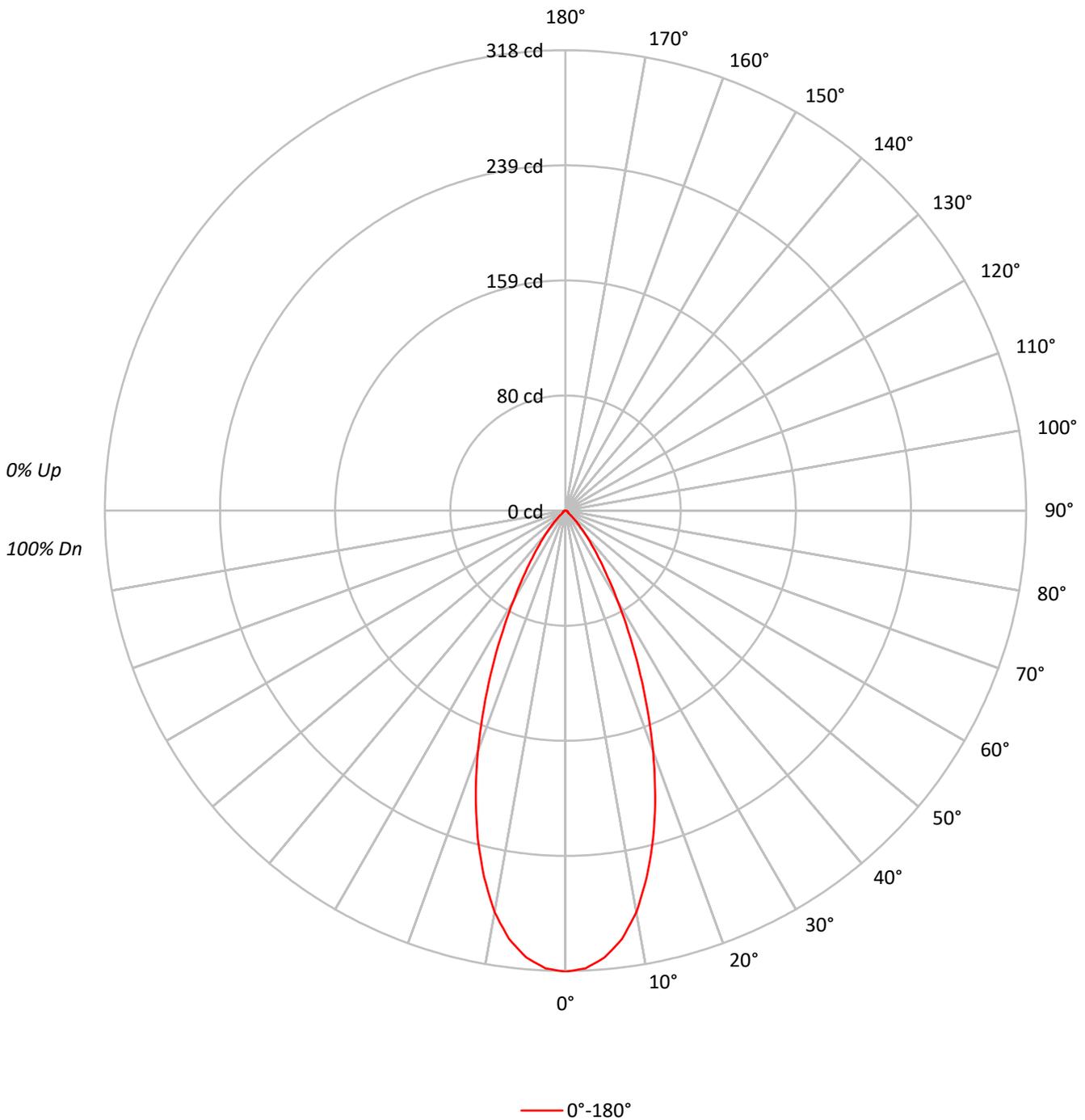
Test Method: LM-79-2019  
Report Number: P1271000  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R459827DE010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 186.0 lumens  
Efficiency: N/A  
Efficacy: 51.7 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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			100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88			88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83			83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78			78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74			74
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70			70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66			66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62			62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59			59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57			57

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

	0°
0°	69841
5°	68215
10°	62702
15°	53122
20°	41234
25°	28816
30°	18155
35°	10681
40°	6040
45°	2946
50°	1023
55°	841
60°	789
65°	778
70°	769
75°	678
80°	631
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2946 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.7	15.4
10°-20°	64.3	34.6
20°-30°	54.6	29.3
30°-40°	26.0	14.0
40°-50°	7.8	4.2
50°-60°	2.0	1.1
60°-70°	1.5	0.8
70°-80°	0.9	0.5
80°-90°	0.3	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°	147.5	79.3
0°-40°	173.6	93.3
0°-60°	183.4	98.6
0°-90°	186.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	186.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	318	
5°	310	29
15°	234	64
25°	119	55
35°	40	26
45°	10	8
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	318.5
2.5°	316.5
5°	309.9
7.5°	298.4
10°	281.6
12.5°	259.3
15°	234.0
17.5°	205.9
20°	176.7
22.5°	146.9
25°	119.1
27.5°	93.8
30°	71.7
32.5°	53.9
35°	39.9
37.5°	29.4
40°	21.1
42.5°	14.6
45°	9.5
47.5°	5.3
50°	3.0
52.5°	2.3
55°	2.2
57.5°	2.0
60°	1.8
62.5°	1.7
65°	1.5
67.5°	1.3
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.7
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)