

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: P1271064

Luminaire Tested: P3AS02R559827DE010 E3DLD1LI

Issue Date: 1/30/2026

**Test Information**

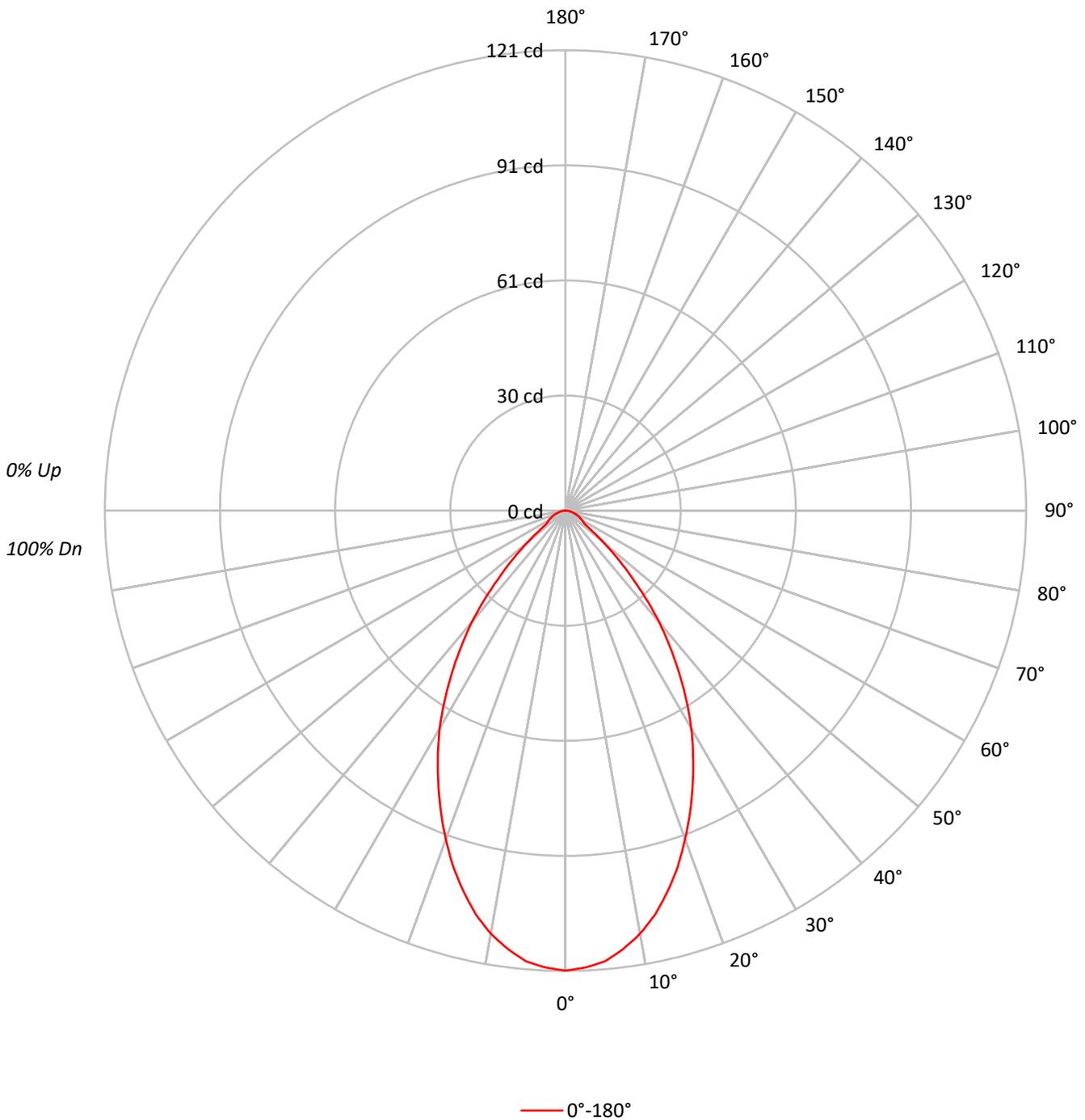
Test Method: LM-79-2019  
Report Number: P1271064  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R559827DE010 E3DLD1LI  
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 141.0 lumens  
Efficiency: N/A  
Efficacy: 39.2 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
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			
1	112	109	106	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91			
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			

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

	0°
0°	26511
5°	26172
10°	25139
15°	23519
20°	21445
25°	19138
30°	16737
35°	13920
40°	10963
45°	7443
50°	4537
55°	2370
60°	2193
65°	2075
70°	1923
75°	1694
80°	1642
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7443 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	11.1	7.9
10°-20°	28.9	20.5
20°-30°	36.3	25.7
30°-40°	32.4	23.0
40°-50°	18.9	13.4
50°-60°	6.6	4.7
60°-70°	4.0	2.8
70°-80°	2.2	1.6
80°-90°	0.6	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°	76.3	54.2
0°-40°	108.7	77.1
0°-60°	134.2	95.2
0°-90°	141.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	141.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	121	
5°	119	11
15°	104	29
25°	79	36
35°	52	32
45°	24	19
55°	6	7
65°	4	4
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	120.9
2.5°	120.2
5°	118.9
7.5°	116.2
10°	112.9
12.5°	108.7
15°	103.6
17.5°	98.1
20°	91.9
22.5°	85.6
25°	79.1
27.5°	72.6
30°	66.1
32.5°	59.1
35°	52.0
37.5°	45.0
40°	38.3
42.5°	31.1
45°	24.0
47.5°	18.3
50°	13.3
52.5°	8.7
55°	6.2
57.5°	5.5
60°	5.0
62.5°	4.5
65°	4.0
67.5°	3.5
70°	3.0
72.5°	2.5
75°	2.0
77.5°	1.7
80°	1.3
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)