

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: P1261689

Luminaire Tested: P3AS02R659727DE010 E3DLD1H

Issue Date: 1/30/2026

**Test Information**

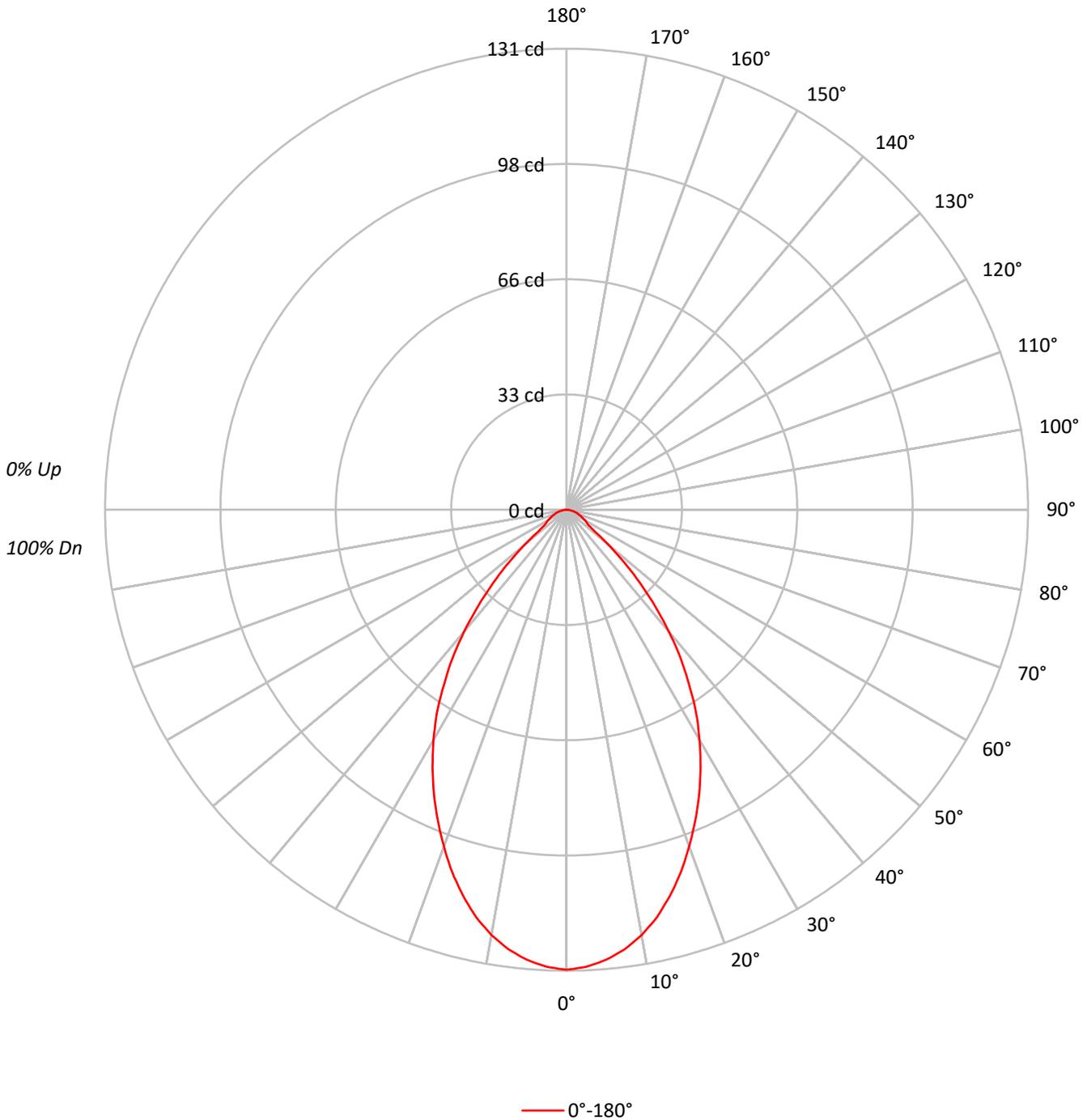
Test Method: LM-79-2019  
Report Number: P1261689  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R659727DE010 E3DLD1H  
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 161.0 lumens  
Efficiency: N/A  
Efficacy: 44.7 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): 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				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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91				91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82				82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74				74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67				67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61				61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56				56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51				51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47				47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44				44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41				41

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

	0°
0°	28660
5°	28263
10°	27321
15°	25766
20°	23755
25°	21558
30°	19117
35°	16249
40°	12939
45°	9117
50°	5288
55°	2906
60°	2675
65°	2439
70°	2244
75°	2118
80°	1768
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9117 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	12.1	7.5
10°-20°	31.8	19.7
20°-30°	40.8	25.3
30°-40°	37.8	23.5
40°-50°	22.8	14.1
50°-60°	7.8	4.8
60°-70°	4.7	2.9
70°-80°	2.6	1.6
80°-90°	0.7	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°	84.6	52.6
0°-40°	122.4	76.0
0°-60°	152.9	95.0
0°-90°	161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	161.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	131	
5°	128	12
15°	114	32
25°	89	41
35°	61	38
45°	29	23
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	130.7
2.5°	130.0
5°	128.4
7.5°	126.0
10°	122.7
12.5°	118.6
15°	113.5
17.5°	108.0
20°	101.8
22.5°	95.5
25°	89.1
27.5°	82.4
30°	75.5
32.5°	68.5
35°	60.7
37.5°	53.2
40°	45.2
42.5°	37.2
45°	29.4
47.5°	22.3
50°	15.5
52.5°	9.8
55°	7.6
57.5°	6.7
60°	6.1
62.5°	5.3
65°	4.7
67.5°	4.1
70°	3.5
72.5°	3.1
75°	2.5
77.5°	2.0
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)