

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: P1256095

Luminaire Tested: P3AS02R159040DE010 E3DL1H

Issue Date: 1/30/2026

**Test Information**

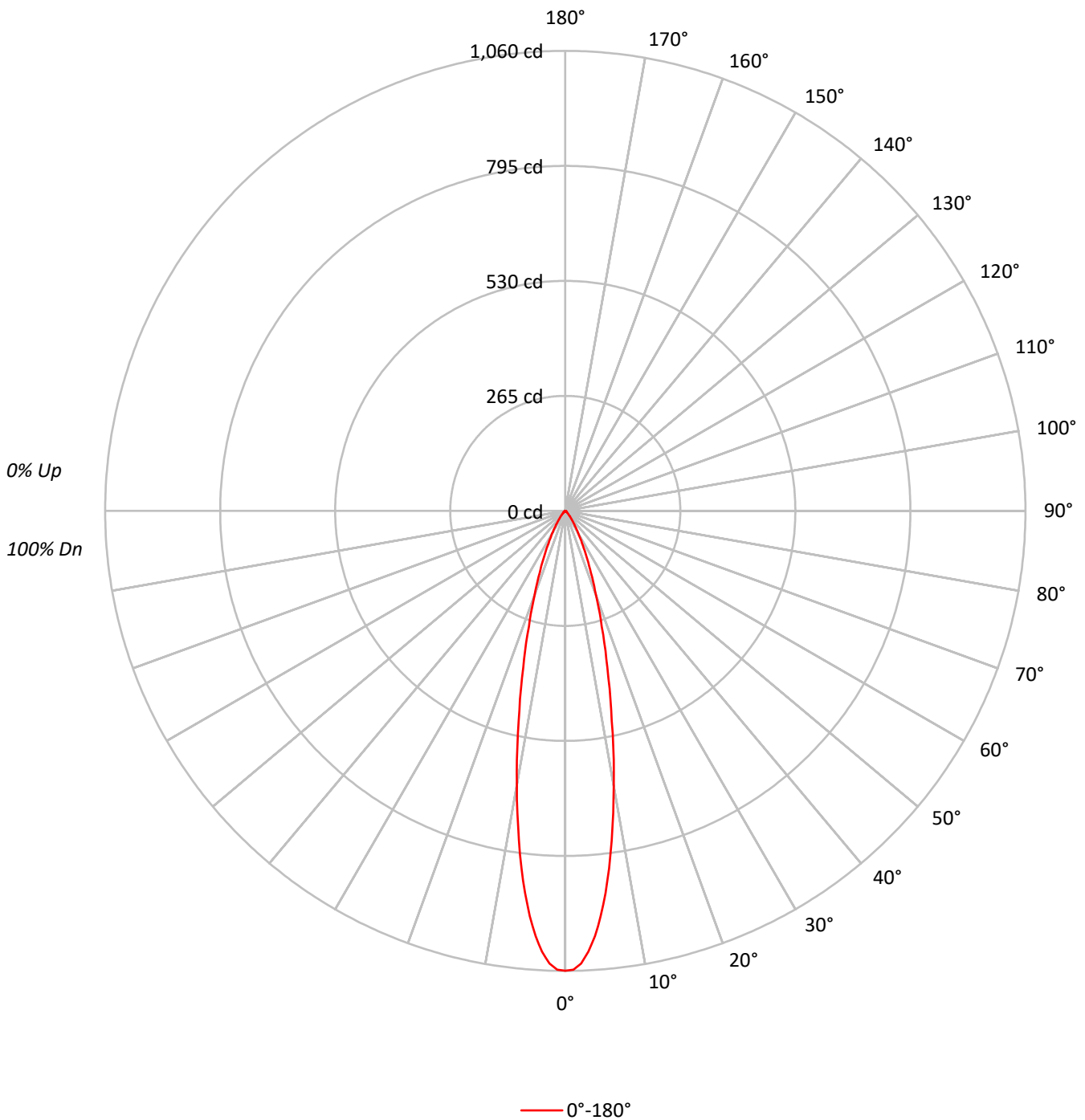
Test Method: LM-79-2019  
Report Number: P1256095  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R159040DE010 E3DL1H  
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DL1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 272.0 lumens  
Efficiency: N/A  
Efficacy: 75.6 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	92	90	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	86	83	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	78	75	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	67

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

	0°
0°	232350
5°	206251
10°	143239
15°	84700
20°	48234
25°	27582
30°	15268
35°	8138
40°	4494
45°	2450
50°	1535
55°	1185
60°	1053
65°	934
70°	833
75°	847
80°	631
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2450 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	79.7	29.3
10°-20°	105.2	38.7
20°-30°	54.1	19.9
30°-40°	20.3	7.5
40°-50°	6.7	2.5
50°-60°	2.9	1.1
60°-70°	1.8	0.7
70°-80°	1.1	0.4
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°	239.0	87.9
0°-40°	259.3	95.3
0°-60°	268.8	98.8
0°-90°	272.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	272.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1060	
5°	937	80
15°	373	105
25°	114	54
35°	30	20
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1059.6
1°	1057.5
2°	1043.7
3°	1017.2
4°	982.3
5°	937.0
6°	885.7
7°	829.3
8°	766.7
9°	704.9
10°	643.3
12.5°	495.0
15°	373.1
17.5°	279.3
20°	206.7
22.5°	154.3
25°	114.0
27.5°	83.1
30°	60.3
32.5°	42.7
35°	30.4
37.5°	21.7
40°	15.7
42.5°	11.3
45°	7.9
47.5°	5.8
50°	4.5
52.5°	3.7
55°	3.1
57.5°	2.6
60°	2.4
62.5°	2.1
65°	1.8
67.5°	1.6
70°	1.3
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)