

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: P1263766

Luminaire Tested: P3AS02R159730DE010 E3D1LI

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1263766  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R159730DE010 E3D1LI  
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3D1LI TRIM  
Light Source: -  
Ballast/Driver: -

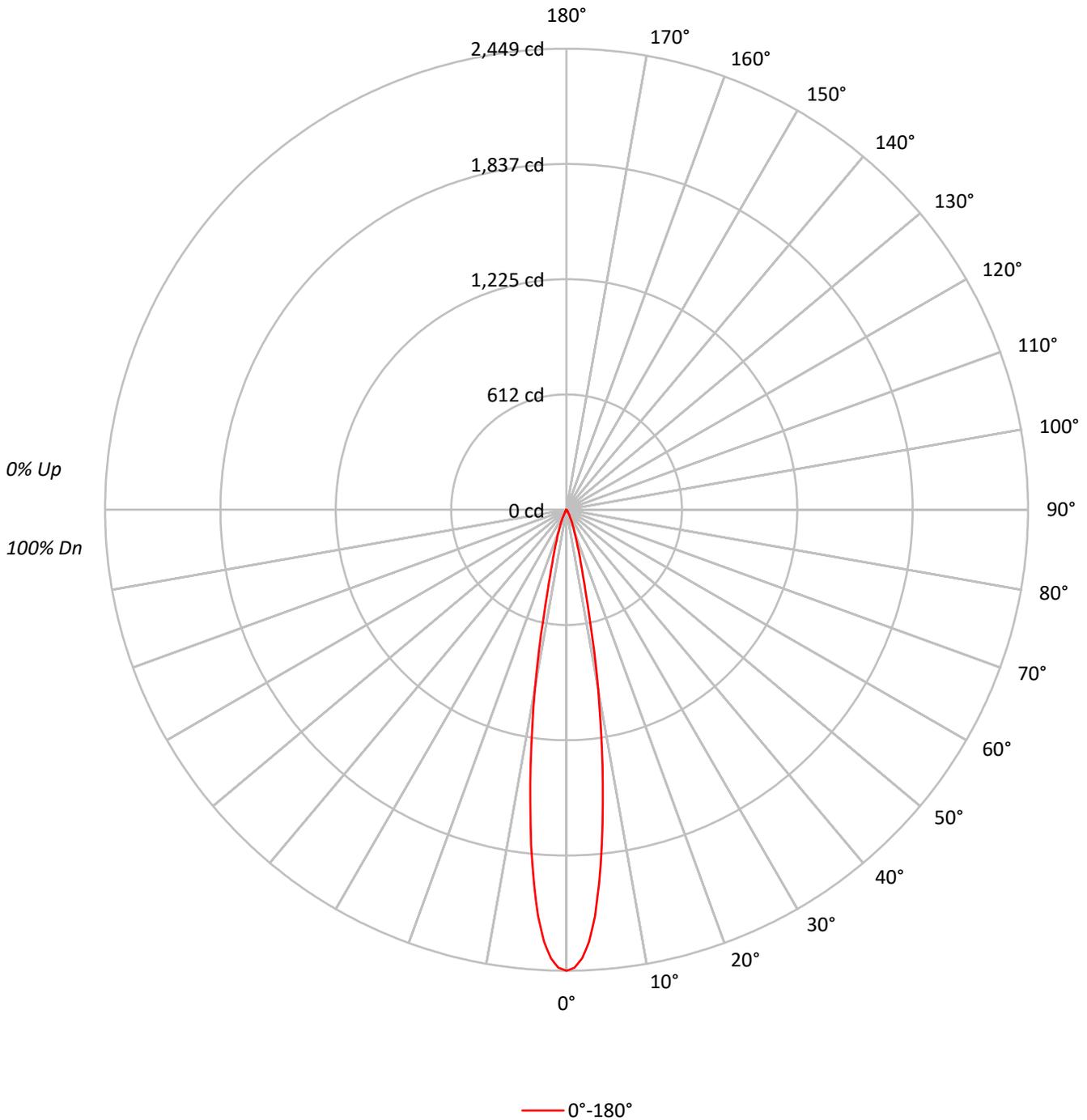
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 282.0 lumens  
Efficiency: N/A  
Efficacy: 78.3 lumens/watt  
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

TEST NUMBER: P1263766  
CATALOG NUMBER: P3AS02R159730DE010 E3D1LI

### Luminous Intensity Polar Plot





TEST NUMBER: P1263766

CATALOG NUMBER: P3AS02R159730DE010 E3D1LI

**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	102	102	102	100
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	98	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	99	98	97	96
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	98	96	95	94
4	107	102	99	96	106	101	98	96	99	97	95	98	96	94	96	94	93	96	94	93	92
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	94	93	91	90
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	93	91	89	88
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	91	89	88	87
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	90	88	86	85
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	89	86	85	89	86	85	84
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	87	85	83	82

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

	0°
0°	536996
5°	437881
10°	214447
15°	65630
20°	27792
25°	12581
30°	4912
35°	2249
40°	716
45°	279
50°	102
55°	38
60°	44
65°	52
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 279 cd/sqm



TEST NUMBER: P1263766

CATALOG NUMBER: P3AS02R159730DE010 E3D1LI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	154.8	54.9
10°-20°	95.0	33.7
20°-30°	25.5	9.1
30°-40°	5.6	2.0
40°-50°	0.8	0.3
50°-60°	0.1	0.0
60°-70°	0.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	275.4	97.7
0°-40°	281.0	99.7
0°-60°	281.9	100.0
0°-90°	282.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	282.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2449	
5°	1989	155
15°	289	95
25°	52	26
35°	8	6
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1263766

CATALOG NUMBER: P3AS02R159730DE010 E3D1LI

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2448.9
1°	2433.6
2°	2384.5
3°	2296.1
4°	2163.0
5°	1989.3
6°	1792.9
7°	1574.1
8°	1373.1
9°	1160.0
10°	963.1
11°	768.3
12°	591.1
13°	454.7
14°	359.9
15°	289.1
17.5°	179.2
20°	119.1
22.5°	80.2
25°	52.0
27.5°	30.8
30°	19.4
32.5°	13.0
35°	8.4
37.5°	4.7
40°	2.5
42.5°	1.4
45°	0.9
47.5°	0.5
50°	0.3
52.5°	0.2
55°	0.1
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1263766  
CATALOG NUMBER: P3AS02R159730DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)