

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: P1256275

Luminaire Tested: P3AS02R459040DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1256275  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R459040DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

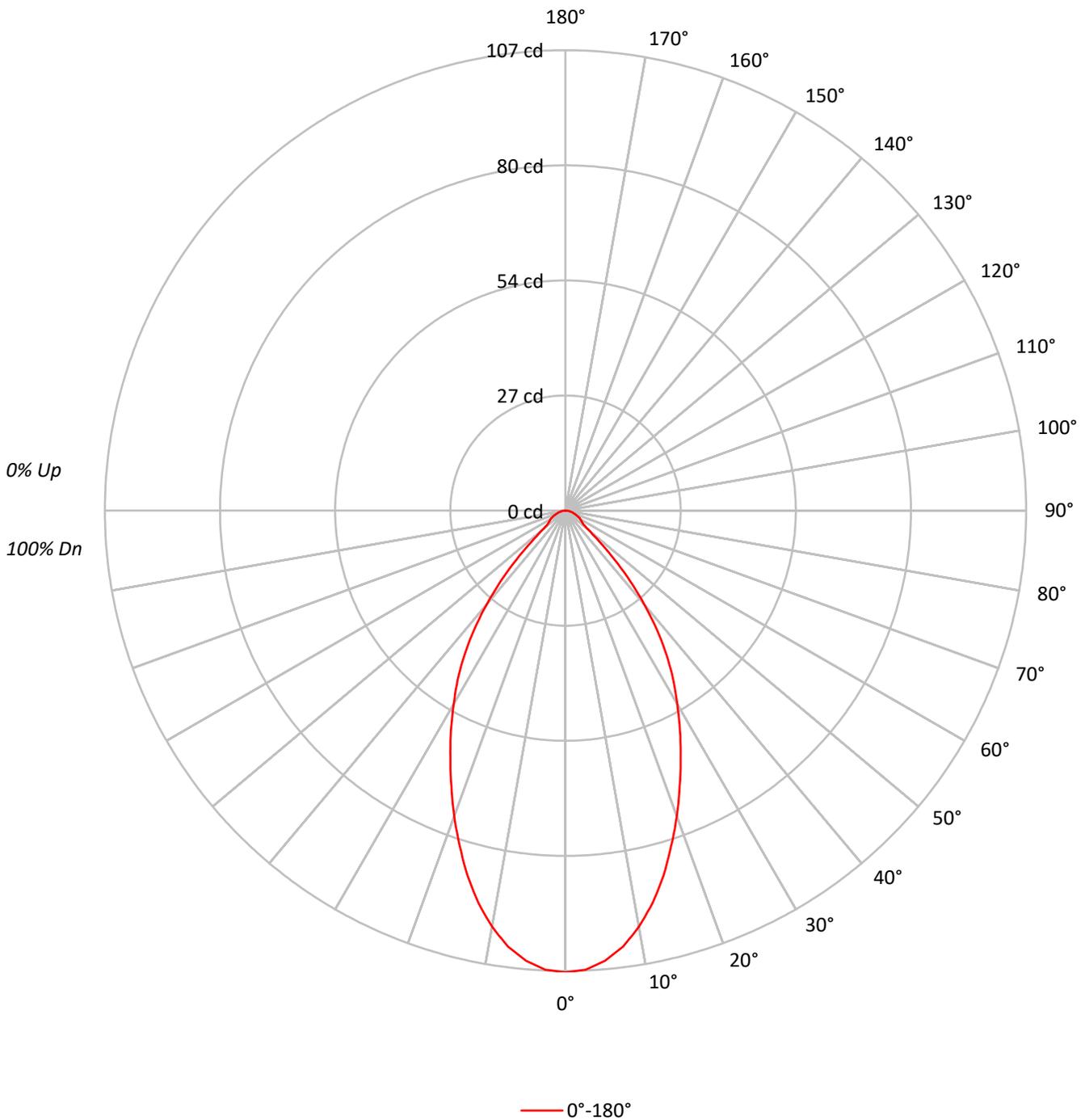
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 111.0 lumens  
Efficiency: N/A  
Efficacy: 30.8 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92  
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

TEST NUMBER: P1256275  
CATALOG NUMBER: P3AS02R459040DE010 E3DLD1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1256275  
 CATALOG NUMBER: P3AS02R459040DE010 E3DLD1GPH

**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	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	84	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

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

	0°
0°	23529
5°	23112
10°	21866
15°	19955
20°	17642
25°	15315
30°	13141
35°	10949
40°	8158
45°	4993
50°	2320
55°	1797
60°	1754
65°	1608
70°	1475
75°	1440
80°	1263
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4993 cd/sqm



TEST NUMBER: P1256275  
 CATALOG NUMBER: P3AS02R459040DE010 E3DLD1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	9.8	8.8
10°-20°	24.5	22.0
20°-30°	29.1	26.2
30°-40°	25.2	22.7
40°-50°	12.7	11.4
50°-60°	4.4	3.9
60°-70°	3.1	2.8
70°-80°	1.7	1.6
80°-90°	0.5	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°	63.3	57.1
0°-40°	88.6	79.8
0°-60°	105.6	95.2
0°-90°	111.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	111.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	107	
5°	105	10
15°	88	24
25°	63	29
35°	41	25
45°	16	13
55°	5	4
65°	3	3
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1256275  
CATALOG NUMBER: P3AS02R459040DE010 E3DLD1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	107.3
2.5°	106.8
5°	105.0
7.5°	102.2
10°	98.2
12.5°	93.4
15°	87.9
17.5°	81.7
20°	75.6
22.5°	69.3
25°	63.3
27.5°	57.6
30°	51.9
32.5°	46.6
35°	40.9
37.5°	34.9
40°	28.5
42.5°	22.3
45°	16.1
47.5°	10.6
50°	6.8
52.5°	5.2
55°	4.7
57.5°	4.3
60°	4.0
62.5°	3.6
65°	3.1
67.5°	2.7
70°	2.3
72.5°	1.9
75°	1.7
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.4
87.5°	0.3
90°	0.0

(END OF REPORT)