

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: P1268592

Luminaire Tested: P3A02R259740DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

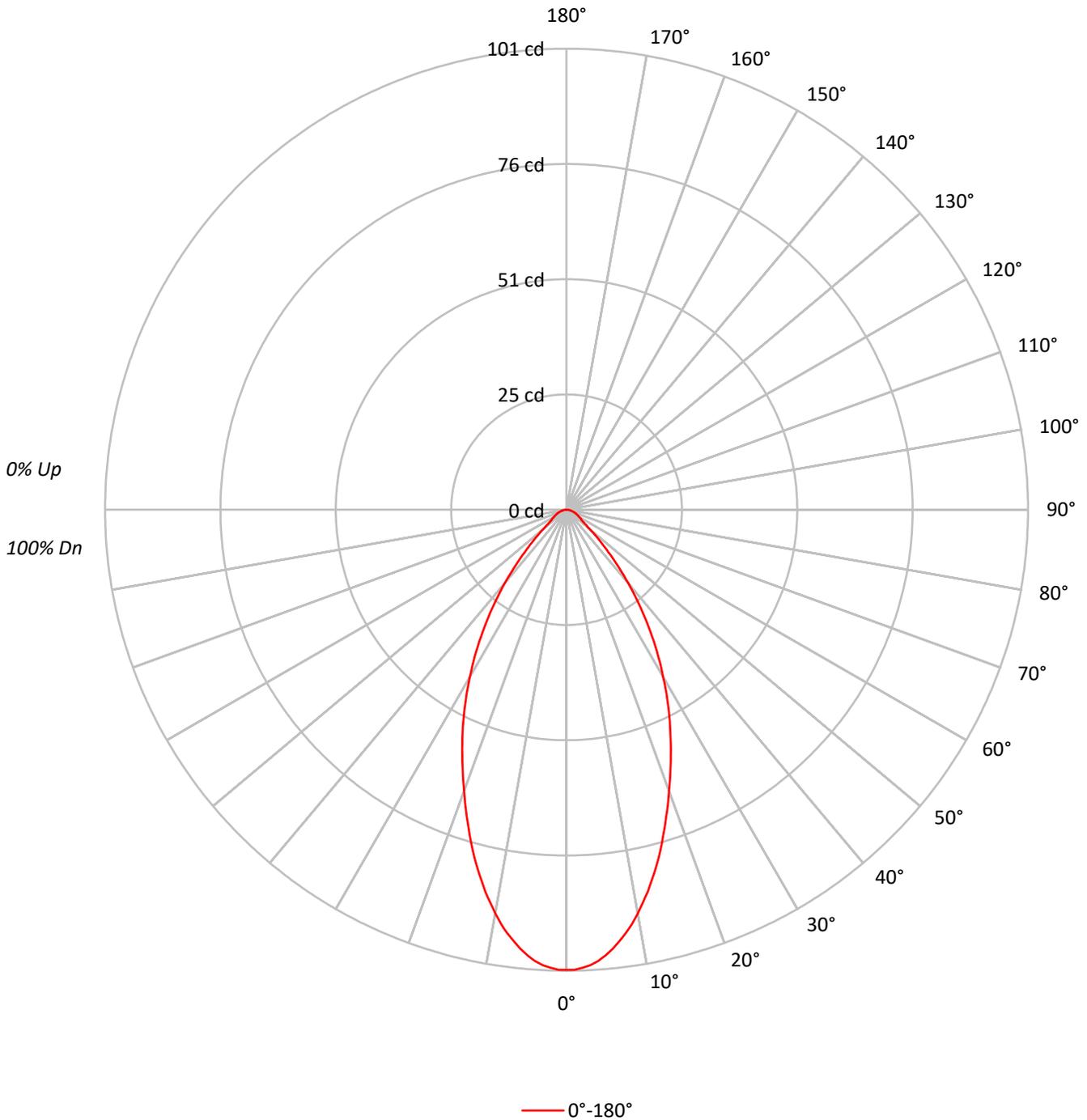
Test Method: LM-79-2019  
Report Number: P1268592  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R259740DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 93.0 lumens  
Efficiency: N/A  
Efficacy: 25.8 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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			100
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

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

	0°
0°	22103
5°	21572
10°	19995
15°	17798
20°	15308
25°	13017
30°	10711
35°	8352
40°	6011
45°	3814
50°	2252
55°	1567
60°	1403
65°	1297
70°	1218
75°	1101
80°	1010
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3814 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	9.1	9.8
10°-20°	21.8	23.4
20°-30°	24.6	26.5
30°-40°	19.5	20.9
40°-50°	9.8	10.6
50°-60°	3.9	4.2
60°-70°	2.5	2.7
70°-80°	1.4	1.5
80°-90°	0.4	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°	55.5	59.7
0°-40°	75.0	80.6
0°-60°	88.7	95.4
0°-90°	93.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	93.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	101	
5°	98	9
15°	78	22
25°	54	25
35°	31	19
45°	12	10
55°	4	4
65°	2	3
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	100.8
1°	100.8
2°	100.4
3°	99.9
4°	99.1
5°	98.0
6°	96.7
7°	95.2
8°	93.6
9°	91.8
10°	89.8
11°	87.6
12°	85.5
13°	83.1
14°	80.8
15°	78.4
17.5°	71.9
20°	65.6
22.5°	59.6
25°	53.8
27.5°	48.1
30°	42.3
32.5°	36.8
35°	31.2
37.5°	26.0
40°	21.0
42.5°	16.3
45°	12.3
47.5°	9.2
50°	6.6
52.5°	5.0
55°	4.1
57.5°	3.7
60°	3.2
62.5°	2.9
65°	2.5
67.5°	2.2
70°	1.9
72.5°	1.6
75°	1.3
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)