

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: P1286099

Luminaire Tested: P3AS02R309030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

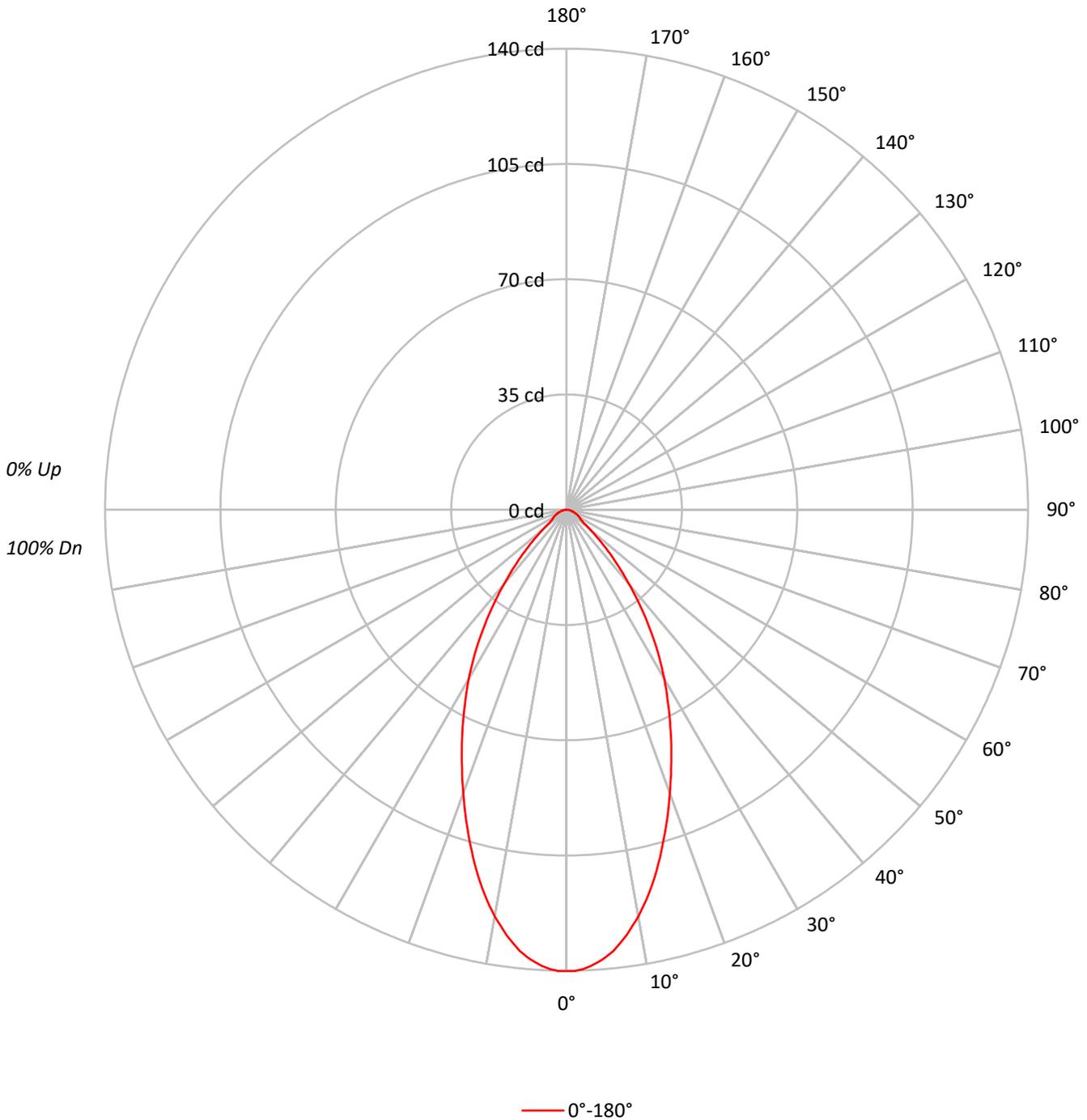
Test Method: LM-79-2019  
Report Number: P1286099  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R309030D2WDE010 E3DLD1GPH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 130.0 lumens  
Efficiency: N/A  
Efficacy: 18.1 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): 7.2  
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	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	79	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°	30721
5°	30024
10°	27922
15°	24836
20°	21375
25°	18098
30°	15015
35°	11778
40°	8444
45°	5551
50°	3173
55°	2064
60°	1974
65°	1816
70°	1667
75°	1525
80°	1389
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5551 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	12.7	9.7
10°-20°	30.4	23.4
20°-30°	34.3	26.4
30°-40°	27.4	21.1
40°-50°	14.1	10.8
50°-60°	5.3	4.1
60°-70°	3.5	2.7
70°-80°	1.9	1.5
80°-90°	0.6	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°	77.4	59.5
0°-40°	104.7	80.6
0°-60°	124.1	95.4
0°-90°	130.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	130.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	140	
5°	136	13
15°	109	30
25°	75	34
35°	44	27
45°	18	14
55°	5	5
65°	4	3
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	140.1
1°	140.1
2°	139.6
3°	138.8
4°	137.7
5°	136.4
6°	134.8
7°	132.7
8°	130.5
9°	127.9
10°	125.4
11°	122.5
12°	119.5
13°	116.3
14°	112.9
15°	109.4
17.5°	100.5
20°	91.6
22.5°	83.0
25°	74.8
27.5°	66.8
30°	59.3
32.5°	51.7
35°	44.0
37.5°	36.5
40°	29.5
42.5°	23.3
45°	17.9
47.5°	13.2
50°	9.3
52.5°	6.5
55°	5.4
57.5°	4.9
60°	4.5
62.5°	4.0
65°	3.5
67.5°	3.0
70°	2.6
72.5°	2.1
75°	1.8
77.5°	1.4
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)