

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: P1269413

Luminaire Tested: P3A09R309740DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

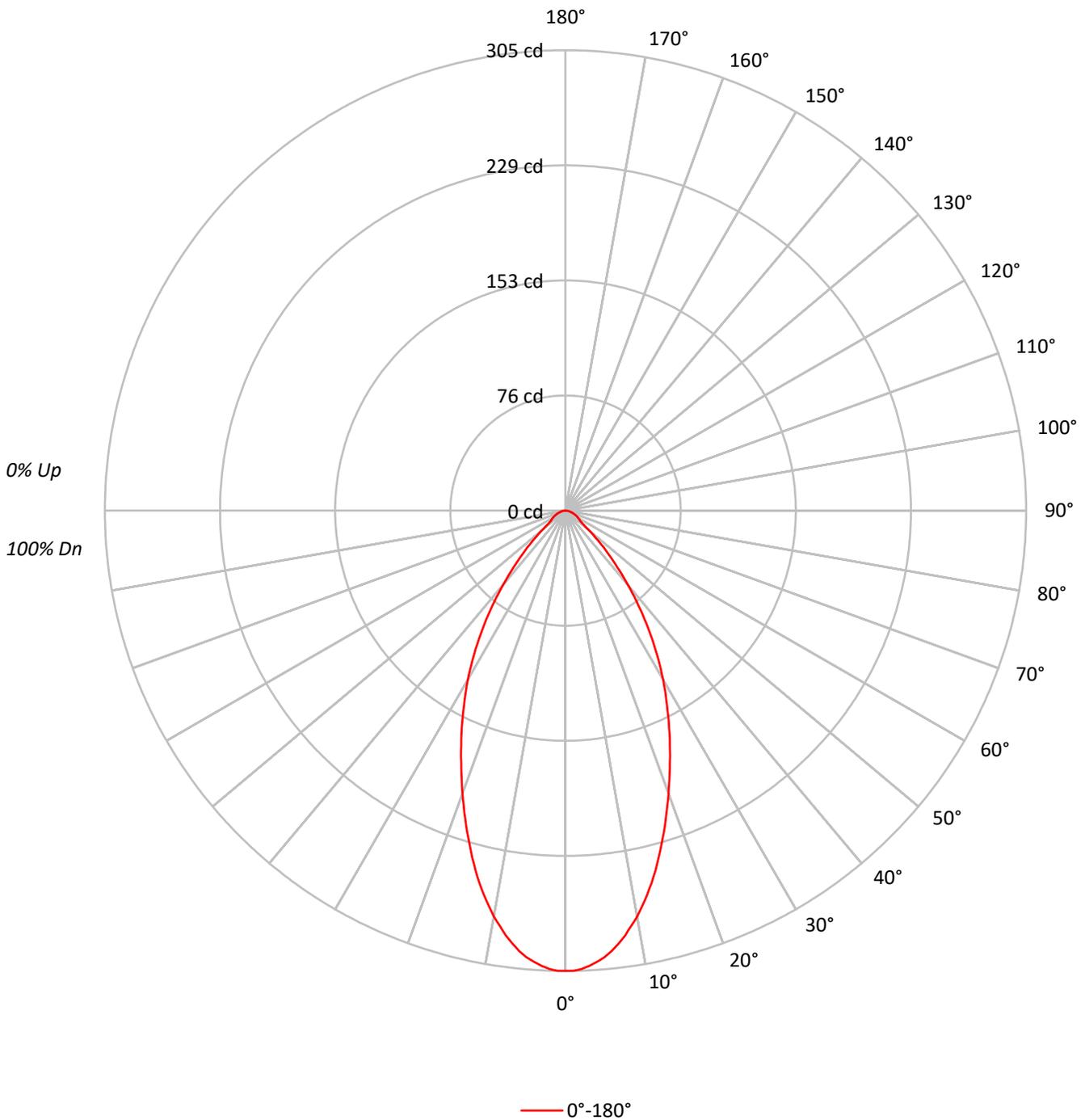
Test Method: LM-79-2019  
Report Number: P1269413  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R309740DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 282.9 lumens  
Efficiency: N/A  
Efficacy: 25.5 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): 11.1  
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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	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	84	80	78	76			76
4	94	86	79	75	92	84	79	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	77	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°	66859
5°	65353
10°	60787
15°	54075
20°	46507
25°	39414
30°	32714
35°	25645
40°	18377
45°	12063
50°	6857
55°	4511
60°	4254
65°	3943
70°	3590
75°	3219
80°	3031
85°	2516

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12063 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.6	9.7
10°-20°	66.2	23.4
20°-30°	74.6	26.4
30°-40°	59.6	21.1
40°-50°	30.6	10.8
50°-60°	11.5	4.1
60°-70°	7.6	2.7
70°-80°	4.1	1.4
80°-90°	1.1	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°	168.4	59.5
0°-40°	228.0	80.6
0°-60°	270.2	95.5
0°-90°	282.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	282.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	305	
5°	297	28
15°	238	66
25°	163	75
35°	96	60
45°	39	31
55°	12	12
65°	8	8
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	304.9
1°	304.9
2°	303.9
3°	302.1
4°	299.7
5°	296.9
6°	293.4
7°	288.9
8°	284.1
9°	278.5
10°	273.0
11°	266.7
12°	260.1
13°	253.2
14°	245.9
15°	238.2
17.5°	218.8
20°	199.3
22.5°	180.6
25°	162.9
27.5°	145.5
30°	129.2
32.5°	112.5
35°	95.8
37.5°	79.5
40°	64.2
42.5°	50.7
45°	38.9
47.5°	28.8
50°	20.1
52.5°	14.2
55°	11.8
57.5°	10.8
60°	9.7
62.5°	8.7
65°	7.6
67.5°	6.6
70°	5.6
72.5°	4.5
75°	3.8
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)