

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: P1264801

Luminaire Tested: P3AS09R559730DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

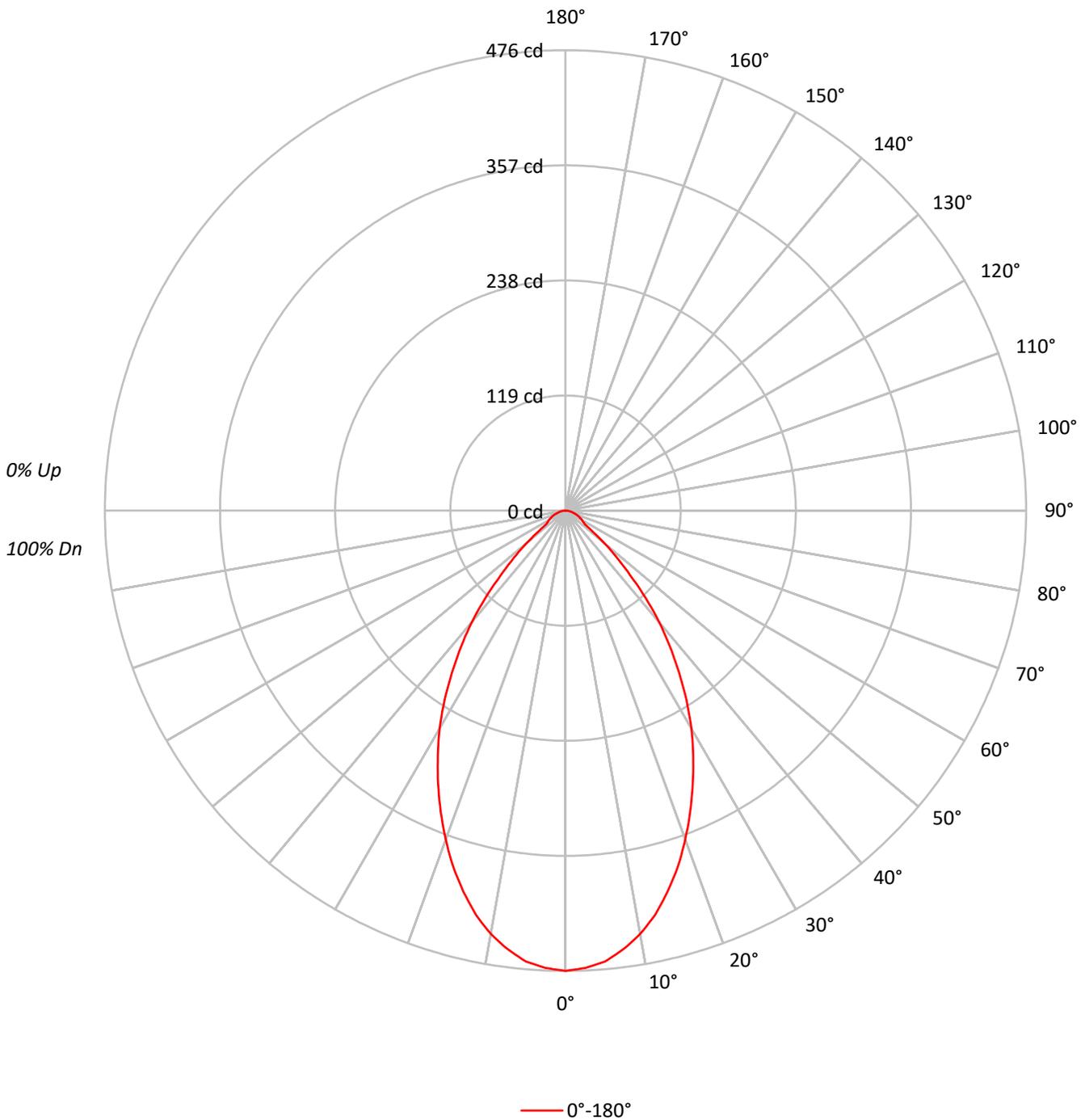
Test Method: LM-79-2019  
Report Number: P1264801  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R559730DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 555.0 lumens  
Efficiency: N/A  
Efficacy: 50.0 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91		
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82		
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74		
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68		
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62		
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57		
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52		
8	73	62	55	51	72	62	55	51	60	54	50	59	54	50	58	53	50	48		
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45		
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42		

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

	0°
0°	104356
5°	103015
10°	98952
15°	92554
20°	84427
25°	75343
30°	65884
35°	54743
40°	43167
45°	29274
50°	17876
55°	9290
60°	8640
65°	8146
70°	7565
75°	6693
80°	6566
85°	5032

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 29274 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	43.9	7.9
10°-20°	114.0	20.5
20°-30°	142.7	25.7
30°-40°	127.4	23.0
40°-50°	74.6	13.4
50°-60°	25.8	4.6
60°-70°	15.6	2.8
70°-80°	8.6	1.6
80°-90°	2.5	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°	300.5	54.2
0°-40°	427.9	77.1
0°-60°	528.3	95.2
0°-90°	555.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	555.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	476	
5°	468	44
15°	408	114
25°	311	143
35°	204	127
45°	94	75
55°	24	26
65°	16	16
75°	8	9
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	475.9
2.5°	473.3
5°	468.0
7.5°	457.5
10°	444.4
12.5°	428.0
15°	407.7
17.5°	386.1
20°	361.8
22.5°	336.9
25°	311.4
27.5°	285.8
30°	260.2
32.5°	232.7
35°	204.5
37.5°	177.0
40°	150.8
42.5°	122.6
45°	94.4
47.5°	72.1
50°	52.4
52.5°	34.1
55°	24.3
57.5°	21.6
60°	19.7
62.5°	17.7
65°	15.7
67.5°	13.8
70°	11.8
72.5°	9.8
75°	7.9
77.5°	6.6
80°	5.2
82.5°	3.3
85°	2.0
87.5°	1.3
90°	0.0

(END OF REPORT)