

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: P1256042

Luminaire Tested: P3AS02R109040DE010 E3DLD1LI

Issue Date: 1/30/2026

**Test Information**

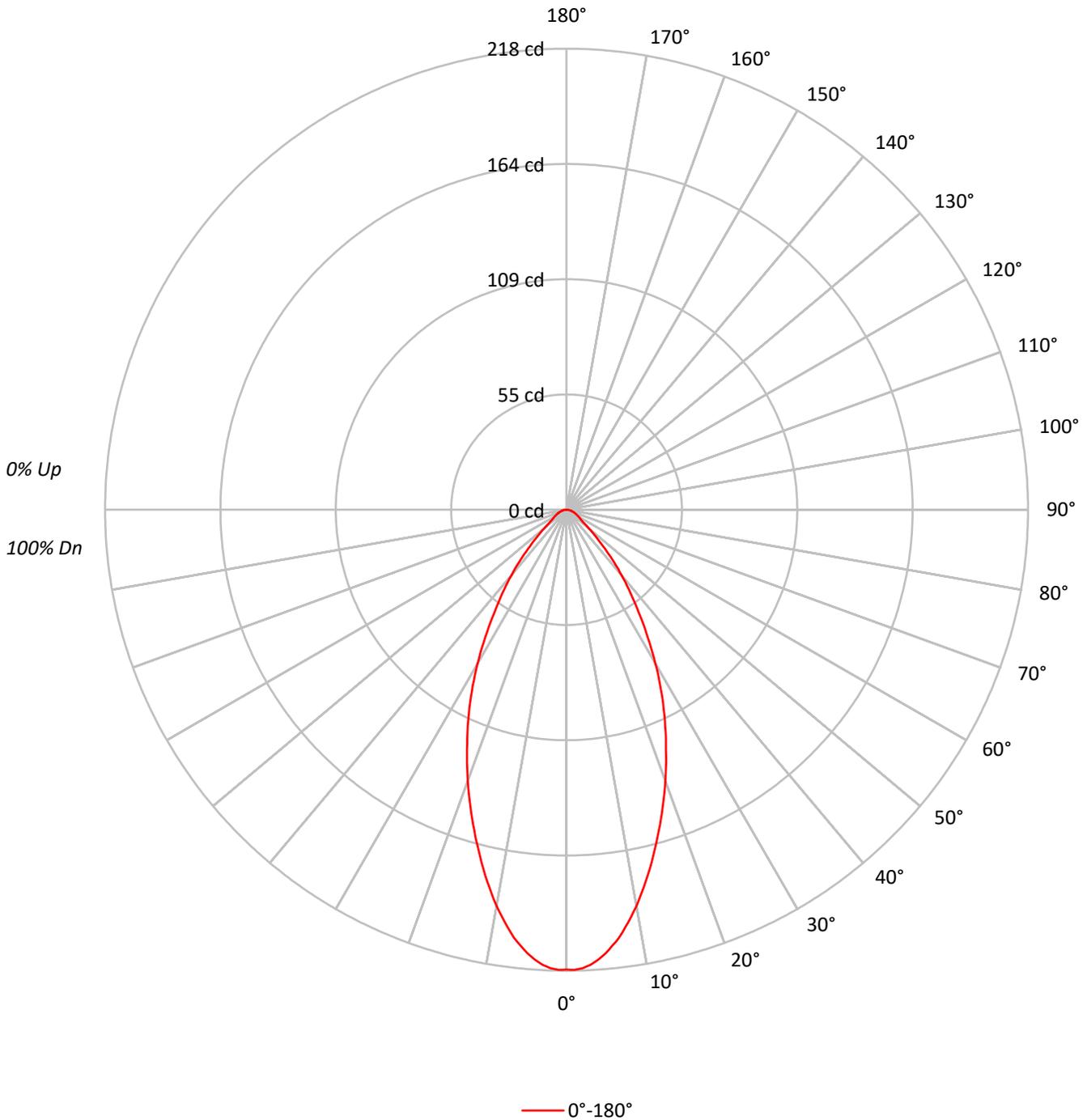
Test Method: LM-79-2019  
Report Number: P1256042  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R109040DE010 E3DLD1LI  
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 90CRI , E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 189.0 lumens  
Efficiency: N/A  
Efficacy: 49.7 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.8  
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			
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	92			
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	70	66	65			
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			
7	80	70	63	58	78	69	63	58	67	62	58	66	61	58	65	61	57	56			
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46			

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

	0°
0°	47672
5°	46379
10°	42373
15°	37117
20°	31853
25°	26590
30°	21269
35°	15954
40°	11593
45°	7567
50°	4742
55°	3211
60°	2851
65°	2594
70°	2436
75°	2203
80°	2147
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7567 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	19.4	10.3
10°-20°	45.6	24.1
20°-30°	50.2	26.6
30°-40°	37.6	19.9
40°-50°	19.5	10.3
50°-60°	8.1	4.3
60°-70°	5.0	2.6
70°-80°	2.8	1.5
80°-90°	0.8	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°	115.2	61.0
0°-40°	152.8	80.9
0°-60°	180.4	95.5
0°-90°	189.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	189.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	217	
5°	211	19
15°	164	46
25°	110	50
35°	60	38
45°	24	19
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	217.4
1°	217.6
2°	216.9
3°	215.5
4°	213.3
5°	210.7
6°	207.3
7°	203.8
8°	199.4
9°	194.9
10°	190.3
12.5°	177.2
15°	163.5
17.5°	149.9
20°	136.5
22.5°	122.8
25°	109.9
27.5°	97.0
30°	84.0
32.5°	71.4
35°	59.6
37.5°	49.6
40°	40.5
42.5°	32.1
45°	24.4
47.5°	18.4
50°	13.9
52.5°	10.3
55°	8.4
57.5°	7.4
60°	6.5
62.5°	5.7
65°	5.0
67.5°	4.3
70°	3.8
72.5°	3.1
75°	2.6
77.5°	2.2
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.2
90°	0.0

(END OF REPORT)