

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: P1258560

Luminaire Tested: P3AS24R509040D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

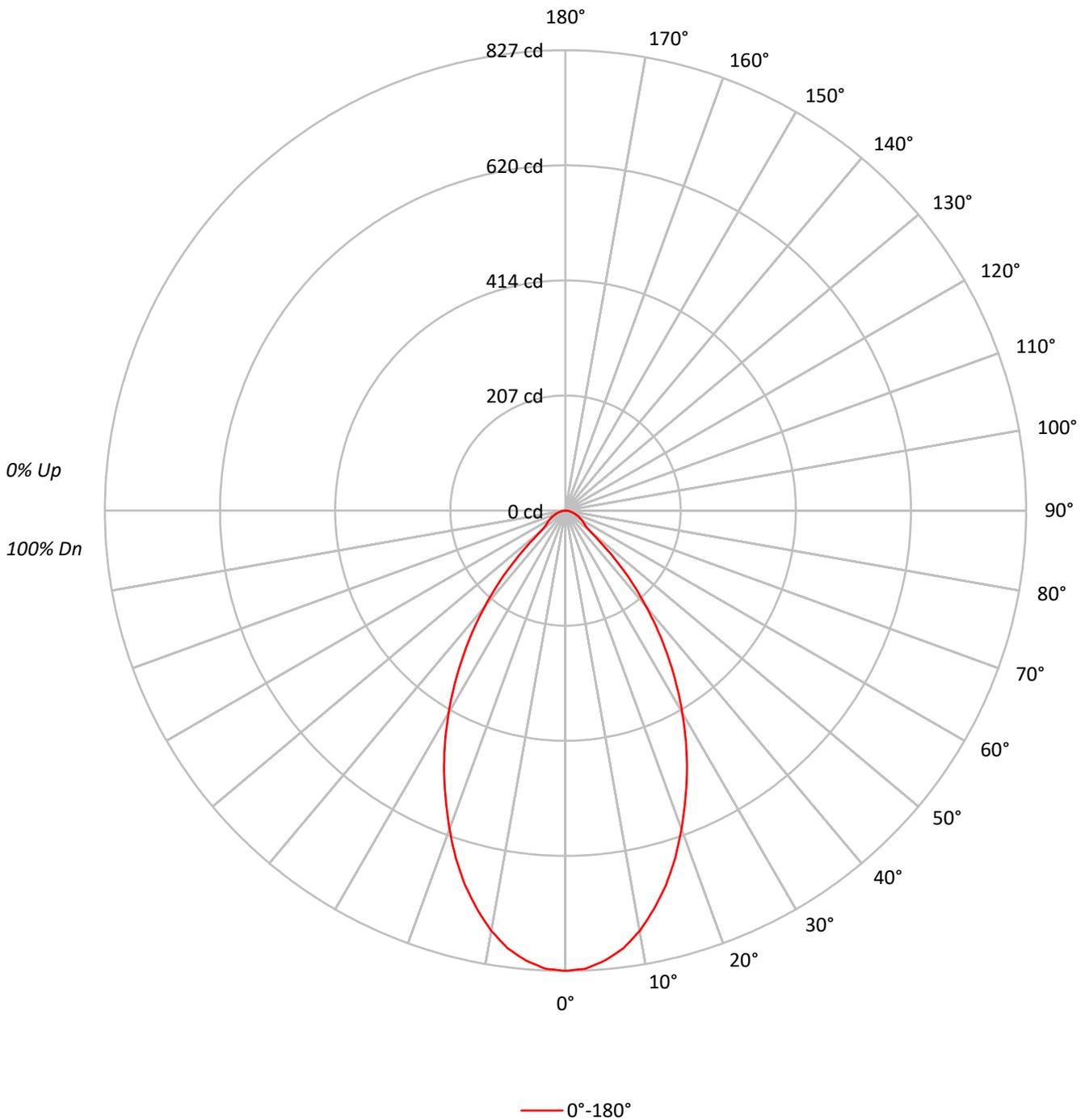
Test Method: LM-79-2019  
Report Number: P1258560  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R509040D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 892.0 lumens  
Efficiency: N/A  
Efficacy: 31.0 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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
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	101	99	99	97	96	95	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83		
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75		
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69		
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63		
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58		
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53		
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50		
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46		
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43		

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

	0°
0°	181279
5°	178604
10°	170694
15°	158094
20°	142066
25°	124894
30°	106194
35°	86117
40°	64693
45°	41679
50°	19786
55°	15560
60°	14736
65°	13750
70°	12374
75°	11184
80°	10229
85°	10315

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 41679 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	76.1	8.5
10°-20°	194.2	21.8
20°-30°	235.9	26.4
30°-40°	200.1	22.4
40°-50°	103.9	11.7
50°-60°	37.5	4.2
60°-70°	25.9	2.9
70°-80°	14.1	1.6
80°-90°	4.4	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°	506.1	56.7
0°-40°	706.2	79.2
0°-60°	847.6	95.0
0°-90°	892.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	892.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	827	
5°	811	76
15°	696	194
25°	516	236
35°	322	200
45°	134	104
55°	41	37
65°	26	26
75°	13	14
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	826.7
2.5°	823.6
5°	811.4
7.5°	793.1
10°	766.6
12.5°	733.0
15°	696.4
17.5°	654.6
20°	608.8
22.5°	562.0
25°	516.2
27.5°	468.3
30°	419.4
32.5°	370.6
35°	321.7
37.5°	273.9
40°	226.0
42.5°	180.2
45°	134.4
47.5°	89.6
50°	58.0
52.5°	44.8
55°	40.7
57.5°	36.7
60°	33.6
62.5°	29.5
65°	26.5
67.5°	22.4
70°	19.3
72.5°	16.3
75°	13.2
77.5°	10.2
80°	8.1
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)