

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: P1250404

Luminaire Tested: P3AS24R459027D010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

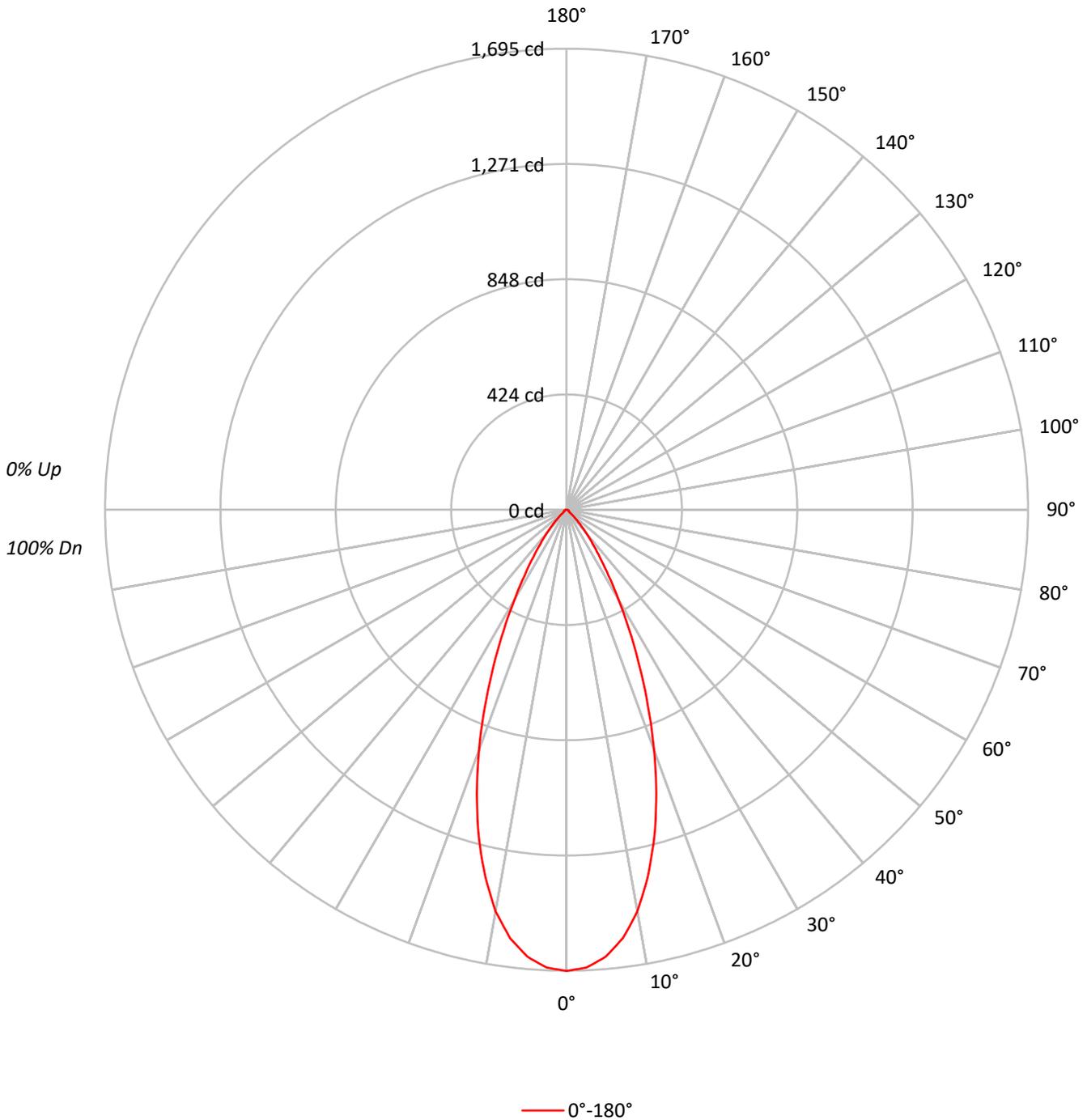
Test Method: LM-79-2019  
Report Number: P1250404  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R459027D010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 990.0 lumens  
Efficiency: N/A  
Efficacy: 34.4 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88			88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83			83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78			78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74			74
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70			70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66			66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62			62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59			59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57			57

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

	0°
0°	371768
5°	363063
10°	333750
15°	282794
20°	219399
25°	153372
30°	96622
35°	56885
40°	32175
45°	15661
50°	5424
55°	4396
60°	4254
65°	4151
70°	3975
75°	3728
80°	3410
85°	2264

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15661 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	152.7	15.4
10°-20°	342.1	34.6
20°-30°	290.5	29.3
30°-40°	138.6	14.0
40°-50°	41.7	4.2
50°-60°	10.6	1.1
60°-70°	7.9	0.8
70°-80°	4.7	0.5
80°-90°	1.3	0.1
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°	785.2	79.3
0°-40°	923.8	93.3
0°-60°	976.1	98.6
0°-90°	990.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	990.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1695	
5°	1649	153
15°	1246	342
25°	634	290
35°	212	139
45°	50	42
55°	12	11
65°	8	8
75°	4	5
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1695.4
2.5°	1684.8
5°	1649.4
7.5°	1588.3
10°	1498.9
12.5°	1380.3
15°	1245.7
17.5°	1096.1
20°	940.2
22.5°	781.8
25°	633.9
27.5°	499.3
30°	381.6
32.5°	286.9
35°	212.5
37.5°	156.7
40°	112.4
42.5°	77.9
45°	50.5
47.5°	28.3
50°	15.9
52.5°	12.4
55°	11.5
57.5°	10.6
60°	9.7
62.5°	8.9
65°	8.0
67.5°	7.1
70°	6.2
72.5°	5.3
75°	4.4
77.5°	3.5
80°	2.7
82.5°	1.8
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)