

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: P1250462

Luminaire Tested: P3AS24R559027D010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

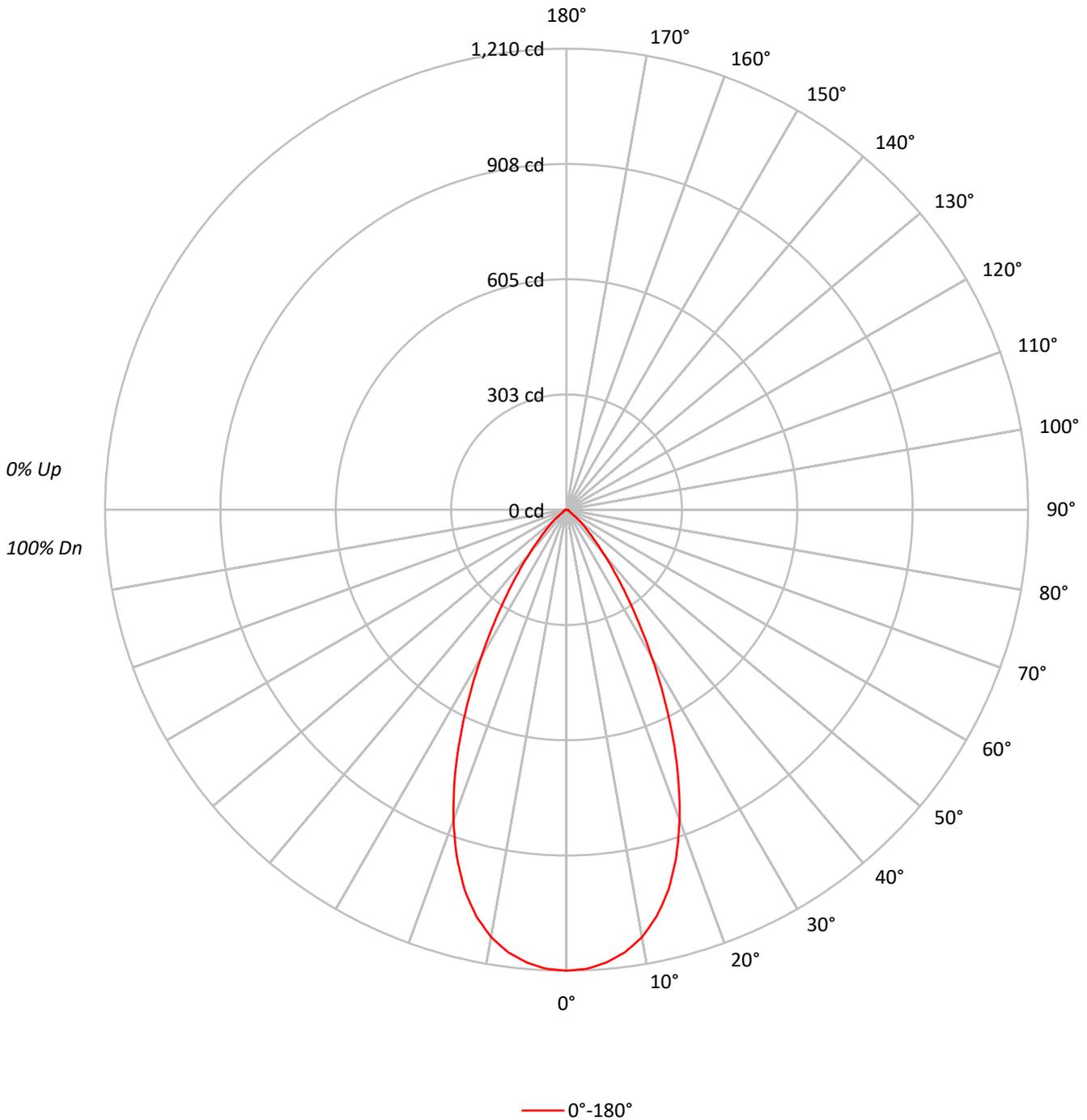
Test Method: LM-79-2019  
Report Number: P1250462  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R559027D010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 966.0 lumens  
Efficiency: N/A  
Efficacy: 33.5 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81  
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			
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93			
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87			
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81			
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75			
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70			
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66			
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62			
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55			
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52			

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

	0°
0°	265264
5°	262557
10°	253569
15°	234371
20°	202248
25°	159735
30°	113309
35°	73080
40°	43882
45°	24747
50°	13304
55°	4741
60°	4254
65°	4151
70°	3975
75°	3728
80°	3410
85°	2264

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 24747 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	112.2	11.6
10°-20°	285.5	29.6
20°-30°	299.2	31.0
30°-40°	174.6	18.1
40°-50°	65.3	6.8
50°-60°	15.4	1.6
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°	696.9	72.1
0°-40°	871.4	90.2
0°-60°	952.1	98.6
0°-90°	966.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	966.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1210	
5°	1193	112
15°	1032	285
25°	660	299
35°	273	175
45°	80	65
55°	12	15
65°	8	8
75°	4	5
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1209.7
2.5°	1206.1
5°	1192.8
7.5°	1171.6
10°	1138.8
12.5°	1092.7
15°	1032.4
17.5°	956.2
20°	866.7
22.5°	766.6
25°	660.2
27.5°	551.2
30°	447.5
32.5°	353.6
35°	273.0
37.5°	207.4
40°	153.3
42.5°	109.9
45°	79.8
47.5°	57.6
50°	39.0
52.5°	22.2
55°	12.4
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)