

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: P1255757

Luminaire Tested: P3A24R359035D010 E3CD1MB

Issue Date: 1/30/2026

**Test Information**

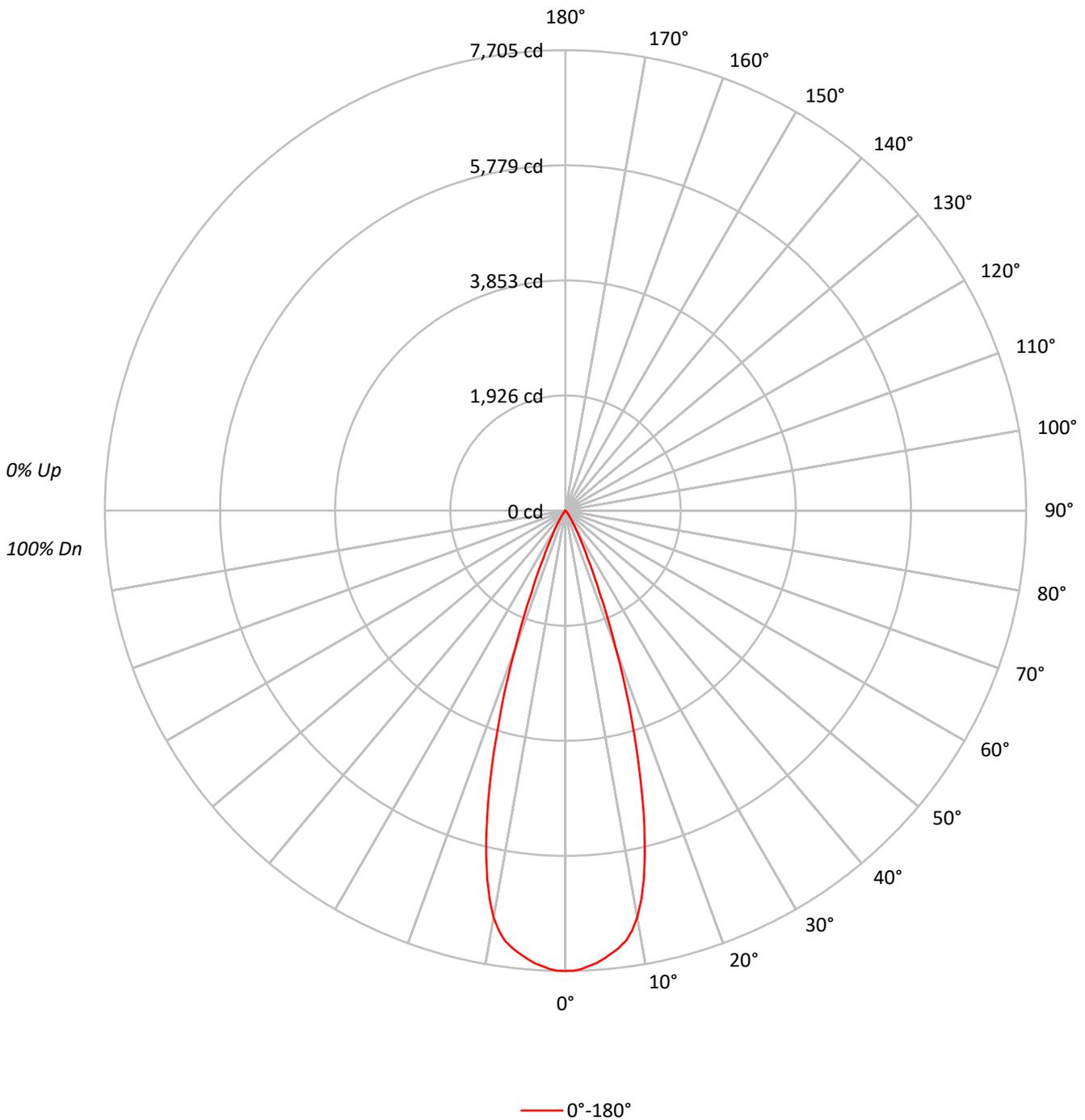
Test Method: LM-79-2019  
Report Number: P1255757  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A24R359035D010 E3CD1MB  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2591.0 lumens  
Efficiency: N/A  
Efficacy: 90.0 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52  
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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96	96	96	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93	93	93	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86	86	86	86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80	80	80	80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	78	78	78	78
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75	75	75	75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70	70	70	70

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

	0°
0°	1689514
5°	1655091
10°	1539740
15°	1128860
20°	578040
25°	208343
30°	81126
35°	28402
40°	11679
45°	3163
50°	2797
55°	3135
60°	2675
65°	2127
70°	2629
75°	3474
80°	2526
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 75°  
 Luminance: 3474 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	701.0	27.1
10°-20°	1315.2	50.8
20°-30°	465.6	18.0
30°-40°	81.5	3.1
40°-50°	11.9	0.5
50°-60°	6.6	0.3
60°-70°	4.8	0.2
70°-80°	3.5	0.1
80°-90°	0.8	0.0
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°	2481.8	95.8
0°-40°	2563.3	98.9
0°-60°	2581.9	99.6
0°-90°	2591.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2591.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	7705	
5°	7519	701
15°	4973	1315
25°	861	466
35°	106	82
45°	10	12
55°	8	7
65°	4	5
75°	4	3
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	7704.8
1°	7702.7
2°	7678.2
3°	7631.3
4°	7588.4
5°	7519.1
6°	7447.7
7°	7368.1
8°	7270.1
9°	7117.1
10°	6915.1
11°	6635.6
12°	6298.9
13°	5899.0
14°	5458.2
15°	4972.6
17.5°	3703.4
20°	2477.1
22.5°	1493.6
25°	861.1
27.5°	514.2
30°	320.4
32.5°	185.7
35°	106.1
37.5°	67.3
40°	40.8
42.5°	20.4
45°	10.2
47.5°	8.2
50°	8.2
52.5°	8.2
55°	8.2
57.5°	6.1
60°	6.1
62.5°	6.1
65°	4.1
67.5°	4.1
70°	4.1
72.5°	4.1
75°	4.1
77.5°	2.0
80°	2.0
82.5°	2.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)