

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: P1247345

Luminaire Tested: P3AS17R459024DE010 E3CB1MB

Issue Date: 1/30/2026

**Test Information**

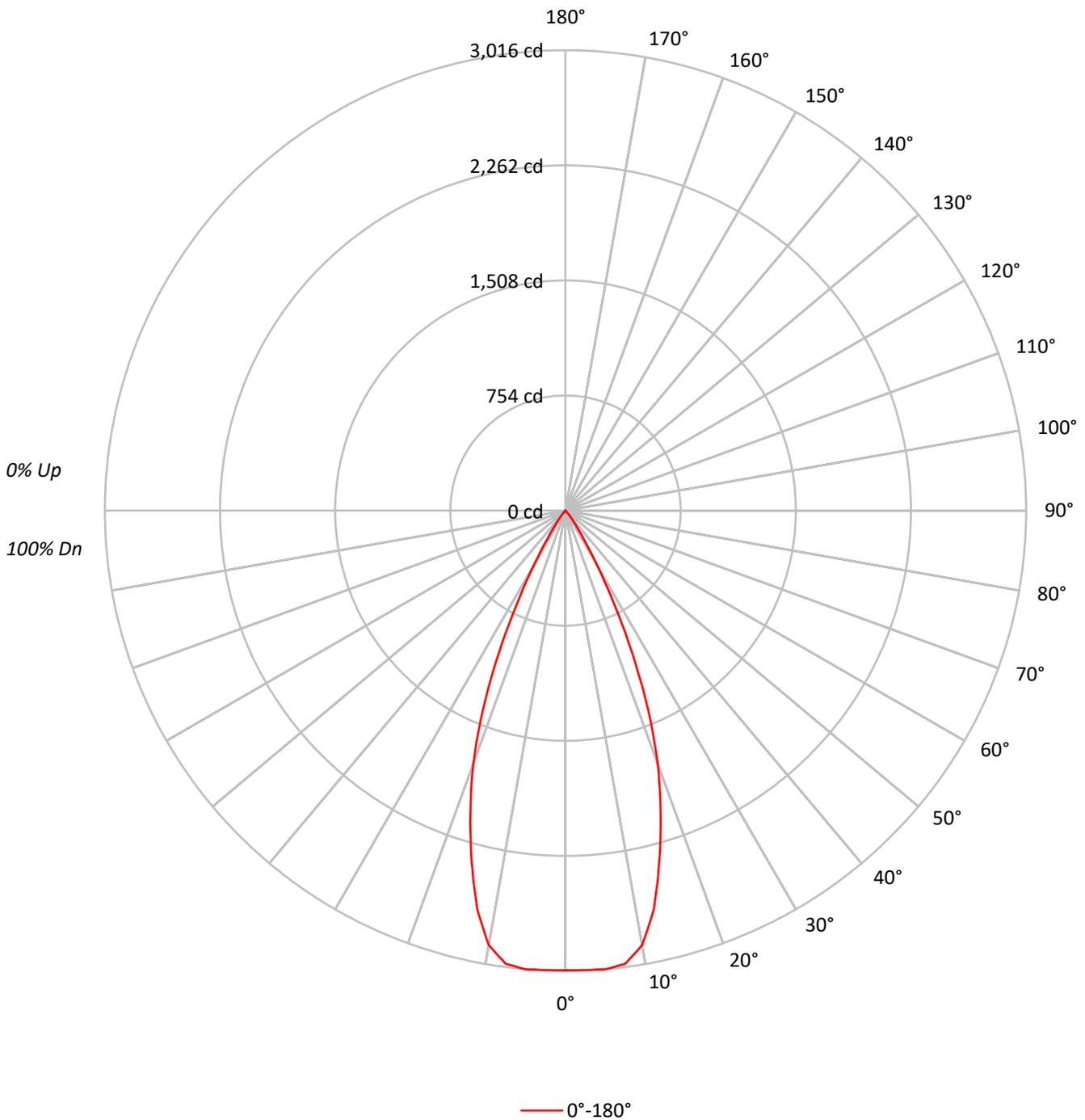
Test Method: LM-79-2019  
Report Number: P1247345  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-28)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R459024DE010 E3CB1MB  
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3CB1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1522.9 lumens  
Efficiency: N/A  
Efficacy: 71.8 lumens/watt  
Spacing Criteria (0/90/45): 0.72 / 0.72 / 0.66  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	94
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	92	91
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	92	90	88	87	92	87
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	88	86	84	82	88	82
5	98	91	86	82	96	90	85	82	88	84	81	87	83	81	85	82	80	79	85	79
6	94	87	82	78	93	86	81	78	85	80	77	83	80	77	82	79	76	75	82	76
7	90	83	78	74	89	82	78	74	81	77	74	80	76	74	79	76	73	72	79	73
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	76	70
9	84	76	71	68	83	76	71	68	75	71	68	74	70	67	73	70	67	66	73	67
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	64	71	65

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

	0°
0°	660298
5°	663833
10°	643431
15°	539186
20°	412173
25°	250926
30°	104396
35°	33435
40°	10391
45°	2109
50°	1535
55°	1720
60°	1491
65°	1764
70°	1475
75°	1949
80°	1389
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2109 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	284.4	18.7
10°-20°	652.8	42.9
20°-30°	470.0	30.9
30°-40°	97.8	6.4
40°-50°	8.9	0.6
50°-60°	3.7	0.2
60°-70°	3.0	0.2
70°-80°	2.0	0.1
80°-90°	0.4	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°	1407.2	92.4
0°-40°	1505.0	98.8
0°-60°	1517.6	99.6
0°-90°	1522.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1522.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3011	
5°	3016	284
15°	2375	653
25°	1037	470
35°	125	98
45°	7	9
55°	4	4
65°	3	3
75°	2	2
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	3011.2
2.5°	3012.4
5°	3015.8
7.5°	2994.2
10°	2889.7
12.5°	2671.6
15°	2375.1
17.5°	2071.9
20°	1766.3
22.5°	1415.3
25°	1037.1
27.5°	683.8
30°	412.3
32.5°	230.6
35°	124.9
37.5°	70.4
40°	36.3
42.5°	15.9
45°	6.8
47.5°	4.5
50°	4.5
52.5°	4.5
55°	4.5
57.5°	3.4
60°	3.4
62.5°	3.4
65°	3.4
67.5°	2.3
70°	2.3
72.5°	2.3
75°	2.3
77.5°	1.1
80°	1.1
82.5°	1.1
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)