

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: P1255131

Luminaire Tested: P3AS17R459035DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

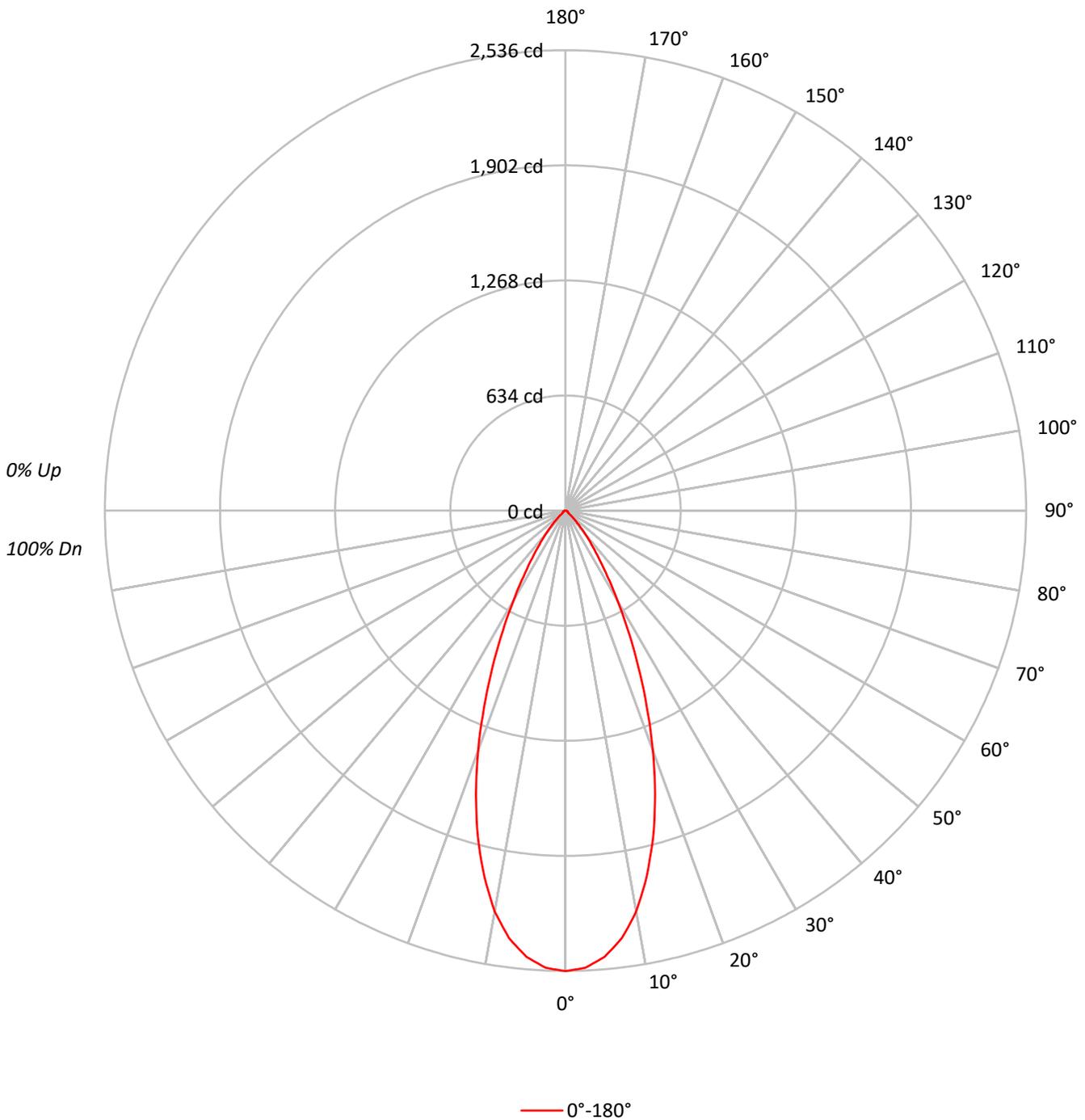
Test Method: LM-79-2019  
Report Number: P1255131  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R459035DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1481.0 lumens  
Efficiency: N/A  
Efficacy: 69.9 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): 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				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	87	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	77	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	65	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°	556162
5°	543142
10°	499278
15°	423044
20°	328235
25°	229441
30°	144529
35°	85099
40°	48147
45°	23413
50°	8119
55°	6576
60°	6403
65°	6174
70°	5963
75°	5592
80°	5051
85°	3271

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 23413 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	228.4	15.4
10°-20°	511.7	34.6
20°-30°	434.5	29.3
30°-40°	207.3	14.0
40°-50°	62.4	4.2
50°-60°	15.8	1.1
60°-70°	11.8	0.8
70°-80°	7.0	0.5
80°-90°	2.0	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°	1174.7	79.3
0°-40°	1382.0	93.3
0°-60°	1460.2	98.6
0°-90°	1481.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1481.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2536	
5°	2468	228
15°	1864	512
25°	948	435
35°	318	207
45°	76	62
55°	17	16
65°	12	12
75°	7	7
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2536.3
2.5°	2520.4
5°	2467.5
7.5°	2376.1
10°	2242.3
12.5°	2064.8
15°	1863.5
17.5°	1639.7
20°	1406.6
22.5°	1169.5
25°	948.3
27.5°	747.0
30°	570.8
32.5°	429.1
35°	317.9
37.5°	234.4
40°	168.2
42.5°	116.6
45°	75.5
47.5°	42.4
50°	23.8
52.5°	18.5
55°	17.2
57.5°	15.9
60°	14.6
62.5°	13.2
65°	11.9
67.5°	10.6
70°	9.3
72.5°	7.9
75°	6.6
77.5°	5.3
80°	4.0
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)