

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: P1265318

Luminaire Tested: P3AS17R159730DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

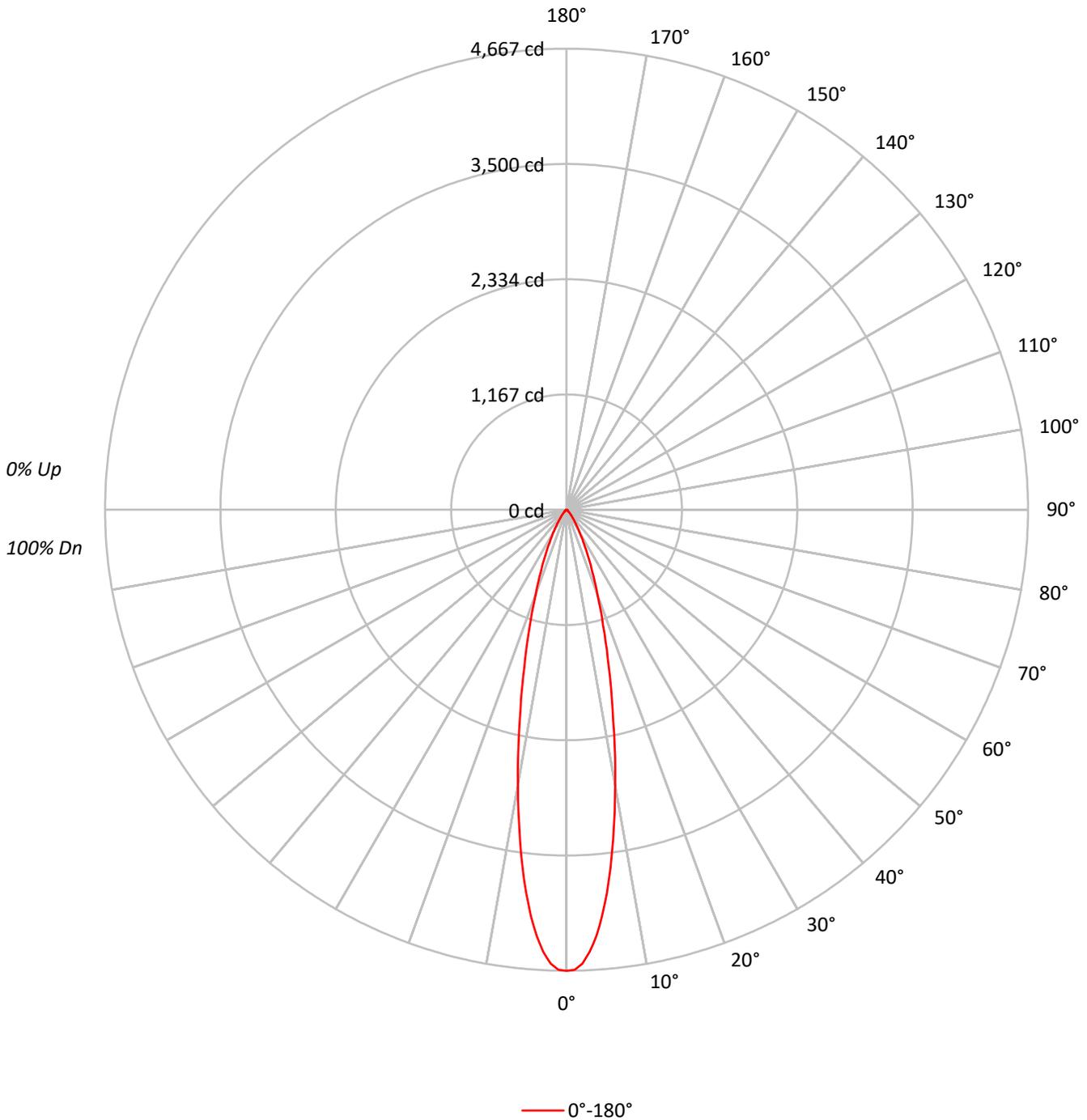
Test Method: LM-79-2019  
Report Number: P1265318  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R159730DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1198.0 lumens  
Efficiency: N/A  
Efficacy: 56.5 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97		95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93		91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88		87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85		83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81		80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78		77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75		74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73		72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70		69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68		67

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

	0°
0°	1023405
5°	908428
10°	630872
15°	373078
20°	212492
25°	121459
30°	67200
35°	35844
40°	19809
45°	10730
50°	6686
55°	5276
60°	4561
65°	4203
70°	3719
75°	3897
80°	2904
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10730 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	350.9	29.3
10°-20°	463.2	38.7
20°-30°	238.5	19.9
30°-40°	89.5	7.5
40°-50°	29.3	2.4
50°-60°	12.6	1.1
60°-70°	8.0	0.7
70°-80°	4.7	0.4
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°	1052.6	87.9
0°-40°	1142.1	95.3
0°-60°	1184.0	98.8
0°-90°	1198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1198.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4667	
5°	4127	351
15°	1643	463
25°	502	238
35°	134	90
45°	35	29
55°	14	13
65°	8	8
75°	5	5
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	4667.1
1°	4657.9
2°	4596.7
3°	4480.1
4°	4326.7
5°	4127.0
6°	3900.8
7°	3652.7
8°	3376.8
9°	3104.5
10°	2833.3
12.5°	2180.1
15°	1643.4
17.5°	1230.3
20°	910.6
22.5°	679.8
25°	502.0
27.5°	365.8
30°	265.4
32.5°	188.1
35°	133.9
37.5°	95.8
40°	69.2
42.5°	49.6
45°	34.6
47.5°	25.4
50°	19.6
52.5°	16.2
55°	13.8
57.5°	11.5
60°	10.4
62.5°	9.2
65°	8.1
67.5°	6.9
70°	5.8
72.5°	5.8
75°	4.6
77.5°	3.5
80°	2.3
82.5°	2.3
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)