

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: P1265350

Luminaire Tested: P3AS17R209730DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

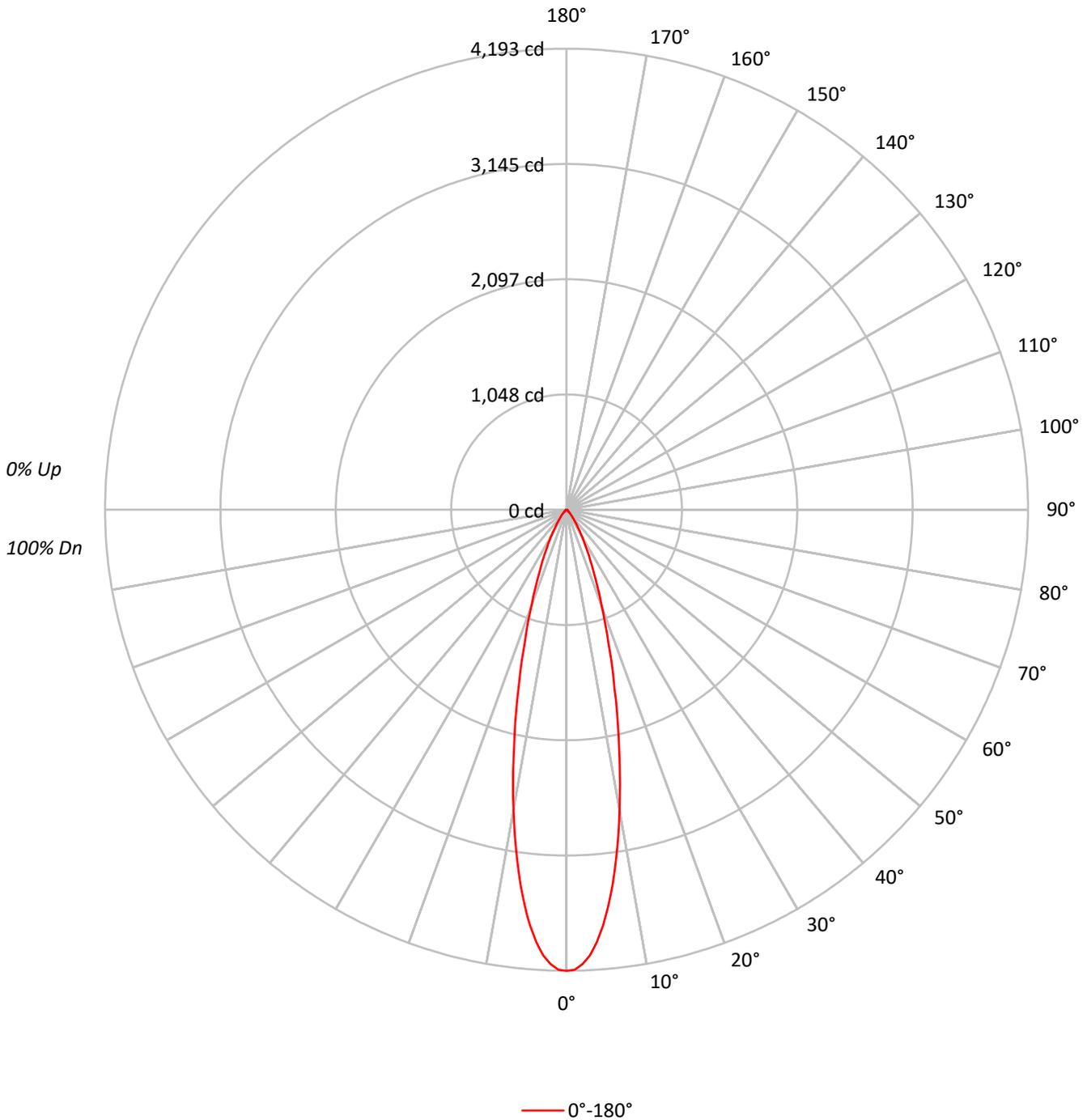
Test Method: LM-79-2019  
Report Number: P1265350  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R209730DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1195.0 lumens  
Efficiency: N/A  
Efficacy: 56.4 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46  
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		
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91		
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87		
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83		
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79		
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76		
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73		
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71		
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68		
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66		

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

	0°
0°	919422
5°	835767
10°	617691
15°	382113
20°	218209
25°	124580
30°	69859
35°	38012
40°	20810
45°	11443
50°	6686
55°	4855
60°	4561
65°	4203
70°	3719
75°	3897
80°	2904
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11443 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	328.8	27.5
10°-20°	469.4	39.3
20°-30°	245.0	20.5
30°-40°	94.7	7.9
40°-50°	30.7	2.6
50°-60°	12.1	1.0
60°-70°	8.0	0.7
70°-80°	4.7	0.4
80°-90°	1.6	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°	1043.2	87.3
0°-40°	1137.9	95.2
0°-60°	1180.7	98.8
0°-90°	1195.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1195.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4193	
5°	3797	329
15°	1683	469
25°	515	245
35°	142	95
45°	37	31
55°	13	12
65°	8	8
75°	5	5
85°	1	2
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	4192.9
1°	4184.8
2°	4135.2
3°	4059.0
4°	3941.2
5°	3796.9
6°	3626.1
7°	3436.7
8°	3217.4
9°	3003.8
10°	2774.1
12.5°	2205.0
15°	1683.2
17.5°	1259.5
20°	935.1
22.5°	692.7
25°	514.9
27.5°	379.8
30°	275.9
32.5°	199.7
35°	142.0
37.5°	102.7
40°	72.7
42.5°	51.9
45°	36.9
47.5°	26.6
50°	19.6
52.5°	15.0
55°	12.7
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°	1.2
90°	0.0

(END OF REPORT)