

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: P1252897

Luminaire Tested: P3AS20R659030D010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

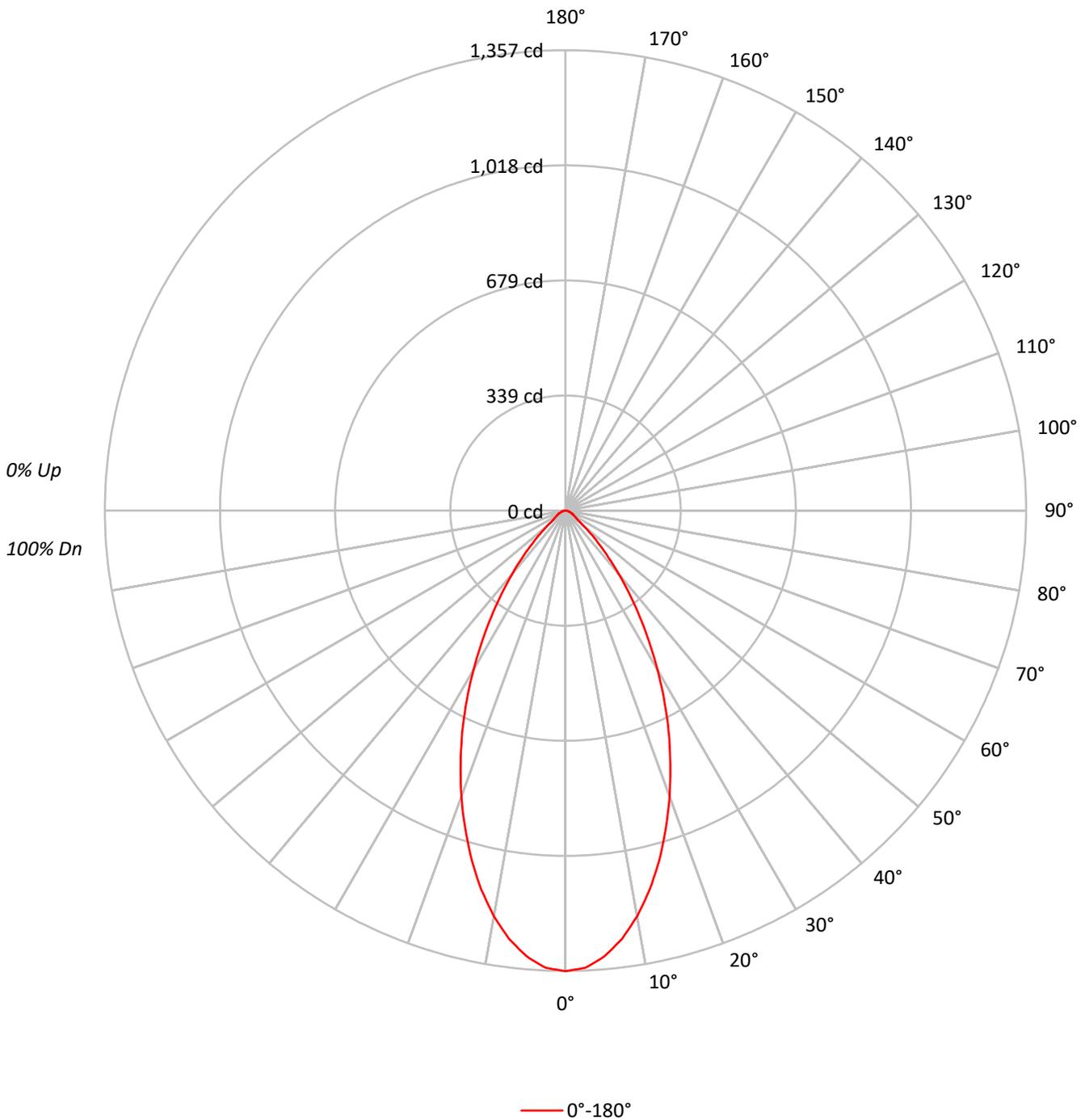
Test Method: LM-79-2019  
Report Number: P1252897  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R659030D010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1171.0 lumens  
Efficiency: N/A  
Efficacy: 40.7 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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	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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85			
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78			
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57			
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

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

	0°
0°	297652
5°	290248
10°	270291
15°	242226
20°	209202
25°	174010
30°	137211
35°	101696
40°	70074
45°	43446
50°	23607
55°	14833
60°	12587
65°	11363
70°	9745
75°	8557
80°	8587
85°	8554

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 43446 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	122.5	10.5
10°-20°	296.5	25.3
20°-30°	327.9	28.0
30°-40°	238.2	20.3
40°-50°	111.6	9.5
50°-60°	37.6	3.2
60°-70°	21.7	1.9
70°-80°	11.3	1.0
80°-90°	3.7	0.3
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°	747.0	63.8
0°-40°	985.1	84.1
0°-60°	1134.3	96.9
0°-90°	1171.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1171.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1357	
5°	1319	123
15°	1067	297
25°	719	328
35°	380	238
45°	140	112
55°	39	38
65°	22	22
75°	10	11
85°	3	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1357.4
2.5°	1348.9
5°	1318.6
7.5°	1273.0
10°	1213.9
12.5°	1144.7
15°	1067.0
17.5°	982.6
20°	896.5
22.5°	807.0
25°	719.2
27.5°	629.7
30°	541.9
32.5°	457.5
35°	379.9
37.5°	309.0
40°	244.8
42.5°	187.4
45°	140.1
47.5°	101.3
50°	69.2
52.5°	47.3
55°	38.8
57.5°	33.8
60°	28.7
62.5°	25.3
65°	21.9
67.5°	18.6
70°	15.2
72.5°	13.5
75°	10.1
77.5°	8.4
80°	6.8
82.5°	5.1
85°	3.4
87.5°	1.7
90°	0.0

(END OF REPORT)