

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: P1270751

Luminaire Tested: P3AS20R659740D010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

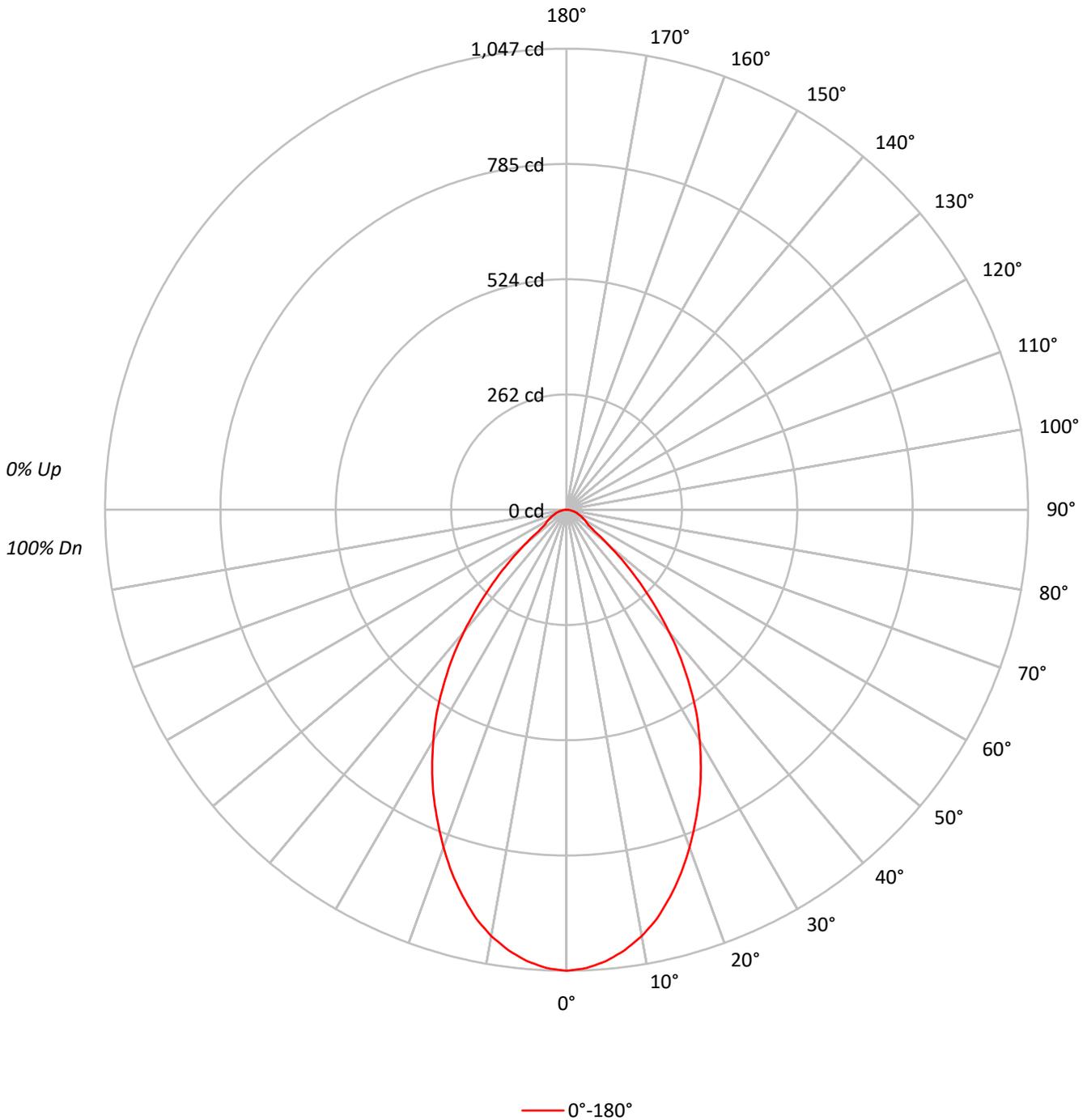
Test Method: LM-79-2019  
Report Number: P1270751  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R659740D010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1290.1 lumens  
Efficiency: N/A  
Efficacy: 44.8 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91				91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82				82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74				74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67				67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61				61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56				56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51				51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47				47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44				44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41				41

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

	0°
0°	229565
5°	226480
10°	218878
15°	206426
20°	190393
25°	172824
30°	153062
35°	130259
40°	103651
45°	73155
50°	42472
55°	23168
60°	21533
65°	19561
70°	17888
75°	16691
80°	14522
85°	12328

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 73155 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	96.8	7.5
10°-20°	254.4	19.7
20°-30°	326.9	25.3
30°-40°	302.4	23.4
40°-50°	182.6	14.2
50°-60°	62.3	4.8
60°-70°	37.5	2.9
70°-80°	21.2	1.6
80°-90°	6.0	0.5
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°	678.1	52.6
0°-40°	980.5	76.0
0°-60°	1225.3	95.0
0°-90°	1290.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1290.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1047	
5°	1029	97
15°	909	254
25°	714	327
35°	487	302
45°	236	183
55°	61	62
65°	38	37
75°	20	21
85°	5	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1046.9
2.5°	1042.0
5°	1028.9
7.5°	1009.2
10°	983.0
12.5°	950.2
15°	909.3
17.5°	865.0
20°	815.9
22.5°	765.1
25°	714.3
27.5°	660.2
30°	604.5
32.5°	548.8
35°	486.6
37.5°	426.0
40°	362.1
42.5°	298.2
45°	235.9
47.5°	178.6
50°	124.5
52.5°	78.6
55°	60.6
57.5°	54.1
60°	49.1
62.5°	42.6
65°	37.7
67.5°	32.8
70°	27.9
72.5°	24.6
75°	19.7
77.5°	16.4
80°	11.5
82.5°	8.2
85°	4.9
87.5°	3.3
90°	0.0

(END OF REPORT)