

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: P1265382

Luminaire Tested: P3A17R259730DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

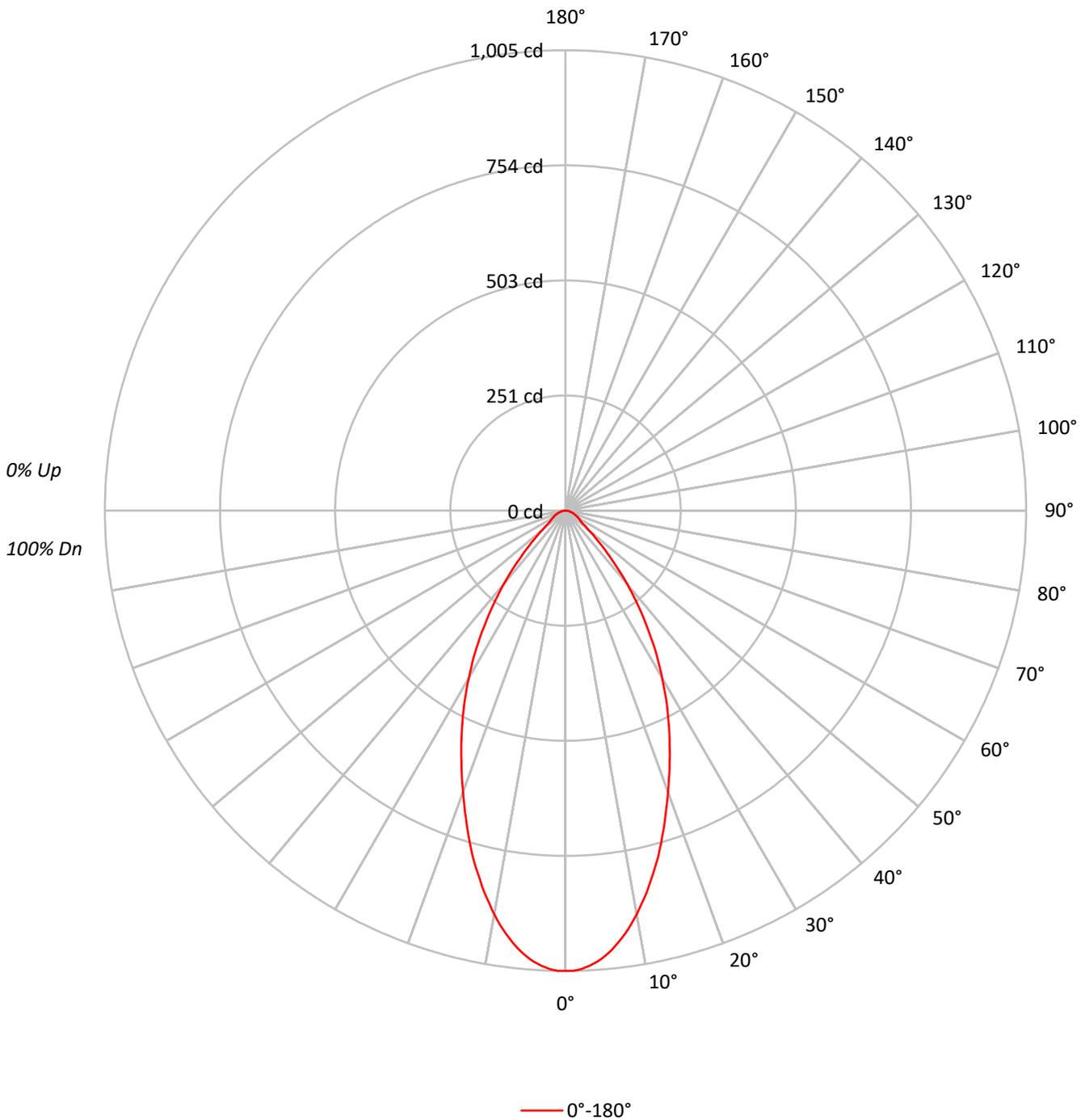
Test Method: LM-79-2019  
Report Number: P1265382  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R259730DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 927.0 lumens  
Efficiency: N/A  
Efficacy: 43.7 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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	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	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

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

	0°
0°	220311
5°	215056
10°	199284
15°	177481
20°	152520
25°	129637
30°	106725
35°	83172
40°	59826
45°	37957
50°	22447
55°	15445
60°	14166
65°	13179
70°	11861
75°	10760
80°	10229
85°	8806

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 37957 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.6	9.8
10°-20°	217.0	23.4
20°-30°	245.2	26.5
30°-40°	194.0	20.9
40°-50°	98.0	10.6
50°-60°	39.2	4.2
60°-70°	25.1	2.7
70°-80°	13.9	1.5
80°-90°	4.0	0.4
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°	552.9	59.6
0°-40°	746.9	80.6
0°-60°	884.1	95.4
0°-90°	927.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	927.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1005	
5°	977	91
15°	782	217
25°	536	245
35°	311	194
45°	122	98
55°	40	39
65°	25	25
75°	13	14
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1004.7
1°	1004.7
2°	1001.3
3°	995.5
4°	987.4
5°	977.0
6°	964.3
7°	949.3
8°	933.1
9°	914.6
10°	895.0
11°	873.1
12°	852.3
13°	828.0
14°	804.9
15°	781.8
17.5°	717.2
20°	653.6
22.5°	593.6
25°	535.8
27.5°	479.3
30°	421.5
32.5°	367.2
35°	310.7
37.5°	258.7
40°	209.0
42.5°	162.8
45°	122.4
47.5°	91.2
50°	65.8
52.5°	49.7
55°	40.4
57.5°	37.0
60°	32.3
62.5°	28.9
65°	25.4
67.5°	21.9
70°	18.5
72.5°	16.2
75°	12.7
77.5°	10.4
80°	8.1
82.5°	5.8
85°	3.5
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)