

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: P1267853

Luminaire Tested: P3A17R409735DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

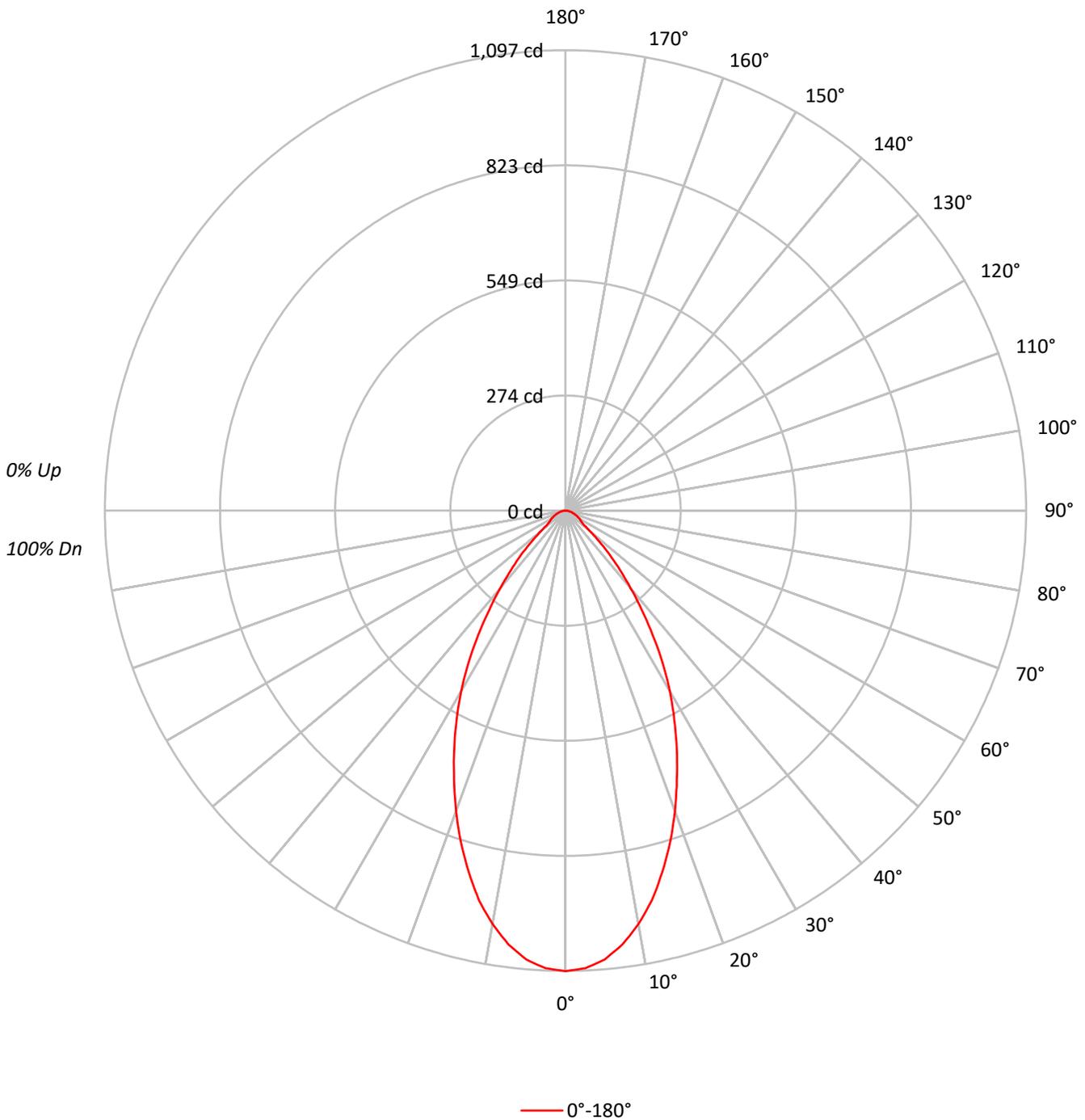
Test Method: LM-79-2019  
Report Number: P1267853  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R409735DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1072.0 lumens  
Efficiency: N/A  
Efficacy: 50.6 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88  
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

TEST NUMBER: P1267853  
CATALOG NUMBER: P3A17R409735DE010 E3DLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1267853

CATALOG NUMBER: P3A17R409735DE010 E3DLD1MW

**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	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

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

	0°
0°	240639
5°	236275
10°	222730
15°	202294
20°	177722
25°	151775
30°	125716
35°	96958
40°	69015
45°	46485
50°	25381
55°	17892
60°	16841
65°	15566
70°	13848
75°	13217
80°	10607
85°	9057

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 46485 cd/sqm



TEST NUMBER: P1267853  
 CATALOG NUMBER: P3A17R409735DE010 E3DLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	100.1	9.3
10°-20°	248.2	23.2
20°-30°	287.0	26.8
30°-40°	226.2	21.1
40°-50°	116.1	10.8
50°-60°	44.4	4.1
60°-70°	29.4	2.7
70°-80°	16.0	1.5
80°-90°	4.7	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°	635.3	59.3
0°-40°	861.5	80.4
0°-60°	1022.0	95.3
0°-90°	1072.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1072.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1097	
5°	1073	100
15°	891	248
25°	627	287
35°	362	226
45°	150	116
55°	47	44
65°	30	29
75°	16	16
85°	4	5
90°	0	



TEST NUMBER: P1267853  
CATALOG NUMBER: P3A17R409735DE010 E3DLD1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1097.4
2.5°	1091.4
5°	1073.4
7.5°	1042.2
10°	1000.3
12.5°	951.1
15°	891.1
17.5°	828.8
20°	761.6
22.5°	693.2
25°	627.3
27.5°	561.3
30°	496.5
32.5°	430.6
35°	362.2
37.5°	298.6
40°	241.1
42.5°	191.9
45°	149.9
47.5°	109.1
50°	74.4
52.5°	54.0
55°	46.8
57.5°	42.0
60°	38.4
62.5°	33.6
65°	30.0
67.5°	25.2
70°	21.6
72.5°	18.0
75°	15.6
77.5°	12.0
80°	8.4
82.5°	7.2
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)