

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: P1262658

Luminaire Tested: P3A13R259727DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

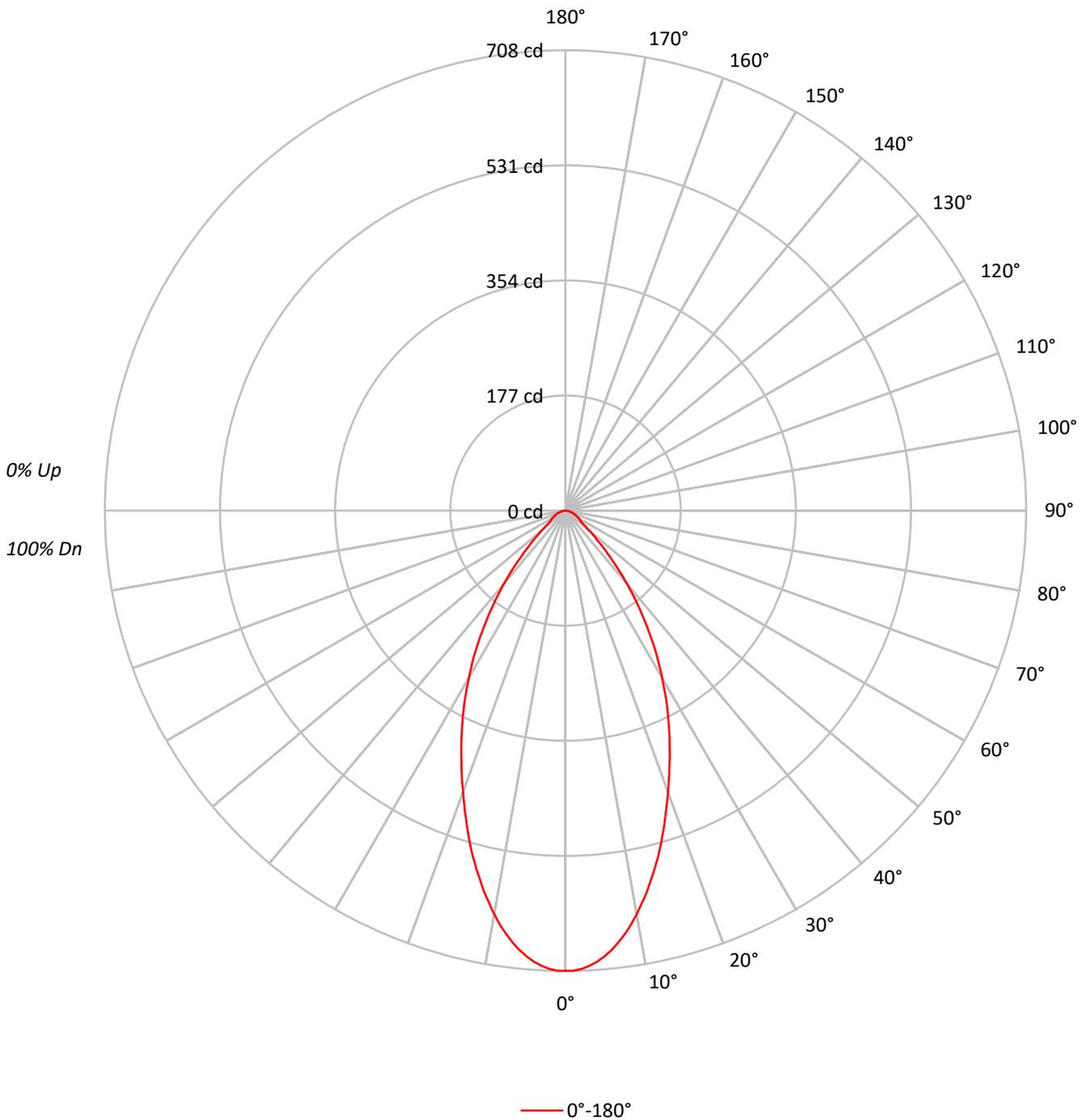
Test Method: LM-79-2019  
Report Number: P1262658  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R259727DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 653.0 lumens  
Efficiency: N/A  
Efficacy: 44.7 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): 14.6  
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: P1262658  
CATALOG NUMBER: P3A13R259727DE010 E3DLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1262658

CATALOG NUMBER: P3A13R259727DE010 E3DLD1MW

**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°	155185
5°	151485
10°	140389
15°	125018
20°	107436
25°	91336
30°	75176
35°	58571
40°	42136
45°	26731
50°	15829
55°	10896
60°	9999
65°	9288
70°	8335
75°	7540
80°	7198
85°	6038

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 26731 cd/sqm



TEST NUMBER: P1262658  
 CATALOG NUMBER: P3A13R259727DE010 E3DLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.8	9.8
10°-20°	152.9	23.4
20°-30°	172.7	26.5
30°-40°	136.6	20.9
40°-50°	69.0	10.6
50°-60°	27.7	4.2
60°-70°	17.7	2.7
70°-80°	9.7	1.5
80°-90°	2.8	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°	389.5	59.6
0°-40°	526.1	80.6
0°-60°	622.8	95.4
0°-90°	653.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	653.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	708	
5°	688	64
15°	551	153
25°	378	173
35°	219	137
45°	86	69
55°	28	28
65°	18	18
75°	9	10
85°	2	3
90°	0	



TEST NUMBER: P1262658  
CATALOG NUMBER: P3A13R259727DE010 E3DLD1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	707.7
1°	707.7
2°	705.3
3°	701.2
4°	695.5
5°	688.2
6°	679.3
7°	668.7
8°	657.3
9°	644.3
10°	630.5
11°	615.0
12°	600.4
13°	583.3
14°	567.0
15°	550.7
17.5°	505.2
20°	460.4
22.5°	418.1
25°	377.5
27.5°	337.6
30°	296.9
32.5°	258.7
35°	218.8
37.5°	182.2
40°	147.2
42.5°	114.7
45°	86.2
47.5°	64.3
50°	46.4
52.5°	35.0
55°	28.5
57.5°	26.0
60°	22.8
62.5°	20.3
65°	17.9
67.5°	15.5
70°	13.0
72.5°	11.4
75°	8.9
77.5°	7.3
80°	5.7
82.5°	4.1
85°	2.4
87.5°	0.8



TEST NUMBER: P1262658  
CATALOG NUMBER: P3A13R259727DE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)