

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: P1272945

Luminaire Tested: P3A02R259830DE010 E3CD1MW

Issue Date: 1/30/2026

**Test Information**

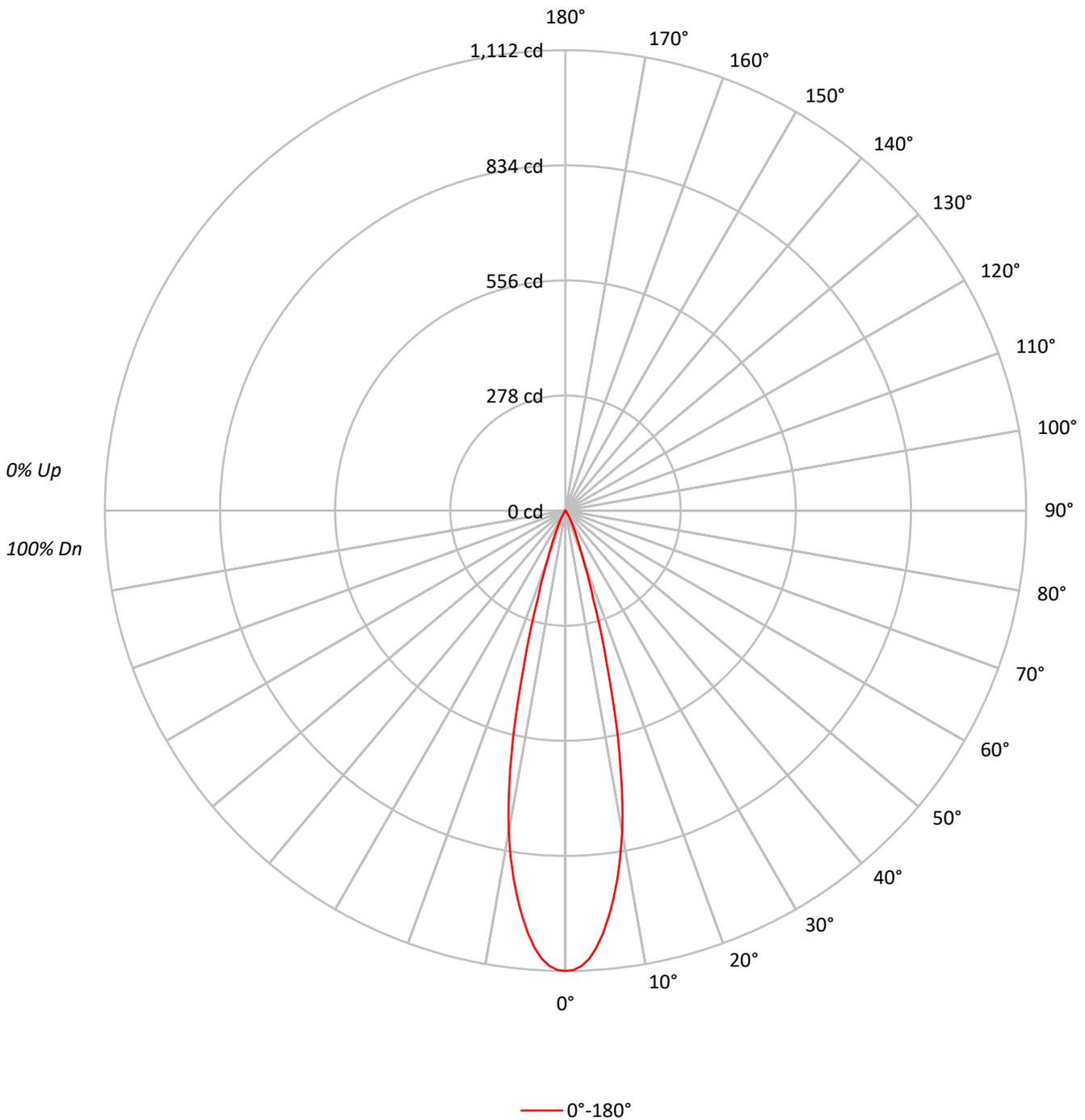
Test Method: LM-79-2019  
Report Number: P1272945  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R259830DE010 E3CD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 228.1 lumens  
Efficiency: N/A  
Efficacy: 63.4 lumens/watt  
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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: P1272945  
CATALOG NUMBER: P3A02R259830DE010 E3CD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1272945  
 CATALOG NUMBER: P3A02R259830DE010 E3CD1MW

**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	99	99	100
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	97	97	97
2	112	108	105	103	110	107	104	102	104	101	100	101	99	98	98	97	96	96	96	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	85	85	85
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	82	82	82	82
8	95	89	85	82	94	88	85	82	88	84	82	87	84	82	86	83	81	81	81	81	81
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	81	80	79	79	79	79
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	77	77	77

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

	0°
0°	243774
5°	226083
10°	175325
15°	87923
20°	28889
25°	11493
30°	4304
35°	1258
40°	573
45°	217
50°	171
55°	153
60°	175
65°	208
70°	128
75°	169
80°	253
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 253 cd/sqm

TEST NUMBER: P1272945  
 CATALOG NUMBER: P3A02R259830DE010 E3CD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.3	39.6
10°-20°	107.8	47.3
20°-30°	24.3	10.7
30°-40°	3.9	1.7
40°-50°	0.7	0.3
50°-60°	0.4	0.2
60°-70°	0.4	0.2
70°-80°	0.2	0.1
80°-90°	0.0	0.0
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°	222.4	97.5
0°-40°	226.4	99.2
0°-60°	227.5	99.7
0°-90°	228.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	228.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1112	
5°	1027	90
15°	387	108
25°	48	24
35°	5	4
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1272945  
CATALOG NUMBER: P3A02R259830DE010 E3CD1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1111.7
1°	1109.9
2°	1100.9
3°	1084.4
4°	1059.5
5°	1027.1
6°	988.4
7°	946.5
8°	898.5
9°	846.0
10°	787.4
11°	719.9
12°	642.2
13°	560.8
14°	473.6
15°	387.3
17.5°	220.7
20°	123.8
22.5°	74.7
25°	47.5
27.5°	29.2
30°	17.0
32.5°	9.0
35°	4.7
37.5°	3.0
40°	2.0
42.5°	1.3
45°	0.7
47.5°	0.5
50°	0.5
52.5°	0.5
55°	0.4
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.2
72.5°	0.2
75°	0.2
77.5°	0.2
80°	0.2
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1272945  
CATALOG NUMBER: P3A02R259830DE010 E3CD1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)