

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: P1267634

Luminaire Tested: P3A13R659735DE010 E3CD1MW

Issue Date: 1/30/2026

**Test Information**

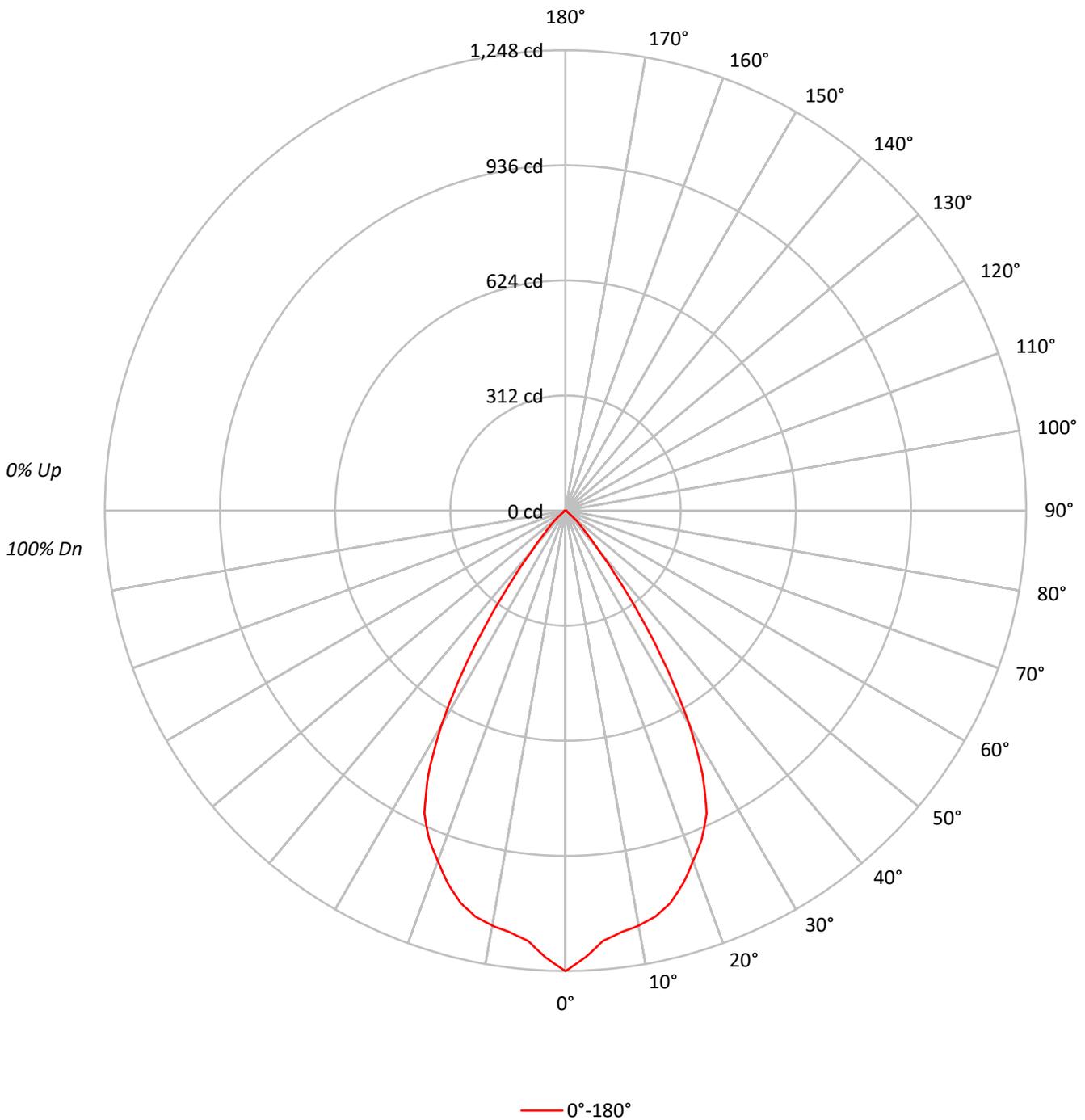
Test Method: LM-79-2019  
Report Number: P1267634  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R659735DE010 E3CD1MW  
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1119.9 lumens  
Efficiency: N/A  
Efficacy: 76.7 lumens/watt  
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9  
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

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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	100	100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94	94	94	94
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87	87	87	87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81	81	81	81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75	75	75	75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70	70	70	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58	58	58	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51	51	51	51

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

	0°
0°	273706
5°	257604
10°	254326
15°	249831
20°	235897
25°	218940
30°	170178
35°	98457
40°	39674
45°	18265
50°	7096
55°	2753
60°	2368
65°	2335
70°	2308
75°	2288
80°	2273
85°	2264

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18265 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	111.3	9.9
10°-20°	307.3	27.4
20°-30°	402.3	35.9
30°-40°	233.0	20.8
40°-50°	49.9	4.5
50°-60°	8.1	0.7
60°-70°	4.5	0.4
70°-80°	2.6	0.2
80°-90°	1.0	0.1
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°	820.9	73.3
0°-40°	1053.9	94.1
0°-60°	1111.9	99.3
0°-90°	1119.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1119.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1248	
5°	1170	111
15°	1100	307
25°	905	402
35°	368	233
45°	59	50
55°	7	8
65°	4	4
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1248.2
2.5°	1212.9
5°	1170.3
7.5°	1153.1
10°	1142.2
12.5°	1126.8
15°	1100.5
17.5°	1059.8
20°	1010.9
22.5°	964.7
25°	904.9
27.5°	804.3
30°	672.1
32.5°	520.8
35°	367.8
37.5°	232.8
40°	138.6
42.5°	87.0
45°	58.9
47.5°	38.0
50°	20.8
52.5°	10.0
55°	7.2
57.5°	6.3
60°	5.4
62.5°	5.4
65°	4.5
67.5°	3.6
70°	3.6
72.5°	2.7
75°	2.7
77.5°	1.8
80°	1.8
82.5°	0.9
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)