

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: P1304532

Luminaire Tested: P3RT09R659740DE010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

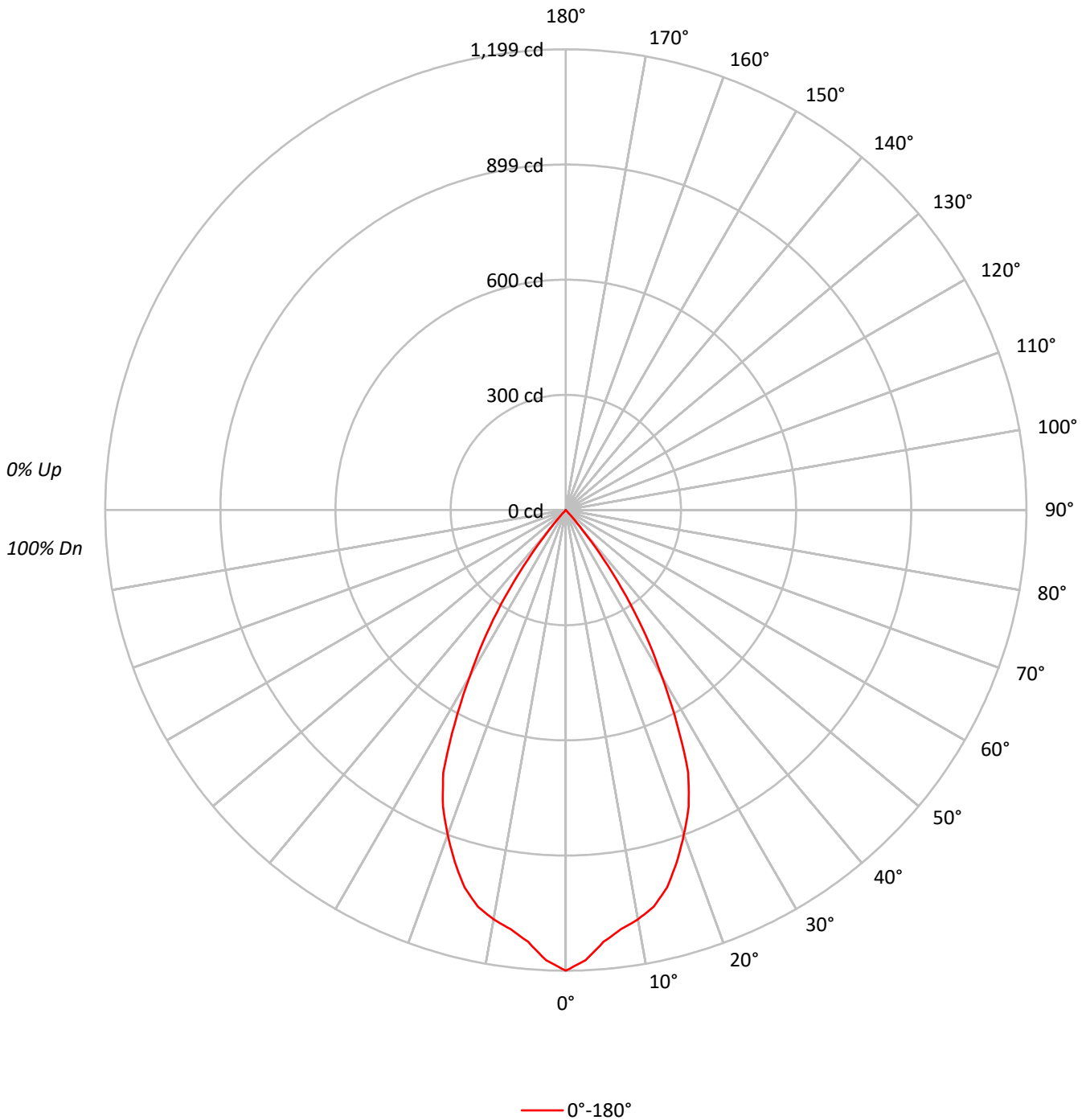
Test Method: LM-79-2019  
Report Number: P1304532  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-94)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3RT09R659740DE010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 897.0 lumens  
Efficiency: N/A  
Efficacy: 80.8 lumens/watt  
Spacing Criteria (0/90/45): 0.89 / 0.89 / 0.84  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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				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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	109	104	101	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89			89
3	104	98	93	90	102	96	92	89	94	90	87	92	89	86	89	87	85	83			83
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78			78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74			74
6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	73	71	69			69
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	65			65
8	82	73	68	64	81	73	67	64	72	67	63	71	66	63	70	66	63	62			62
9	79	69	64	60	77	69	64	60	68	63	60	67	63	60	66	62	60	58			58
10	75	66	61	57	74	66	60	57	65	60	57	64	60	57	63	59	56	55			55

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

	0°
0°	262874
5°	248293
10°	240877
15°	230921
20°	209715
25°	182454
30°	126247
35°	73321
40°	19379
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	106.5	11.9
10°-20°	282.5	31.5
20°-30°	331.8	37.0
30°-40°	168.1	18.7
40°-50°	8.1	0.9
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
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°	720.8	80.4
0°-40°	888.9	99.1
0°-60°	897.0	100.0
0°-90°	897.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	897.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1199	
5°	1128	106
15°	1017	283
25°	754	332
35°	274	168
45°	0	8
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1198.8
2.5°	1172.6
5°	1128.0
7.5°	1100.3
10°	1081.8
12.5°	1057.2
15°	1017.2
17.5°	960.3
20°	898.7
22.5°	835.6
25°	754.1
27.5°	626.3
30°	498.6
32.5°	387.8
35°	273.9
37.5°	160.0
40°	67.7
42.5°	10.8
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)