

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: P1304800

Luminaire Tested: P3RT09R409840DE010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1304800  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-90)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3RT09R409840DE010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 98CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

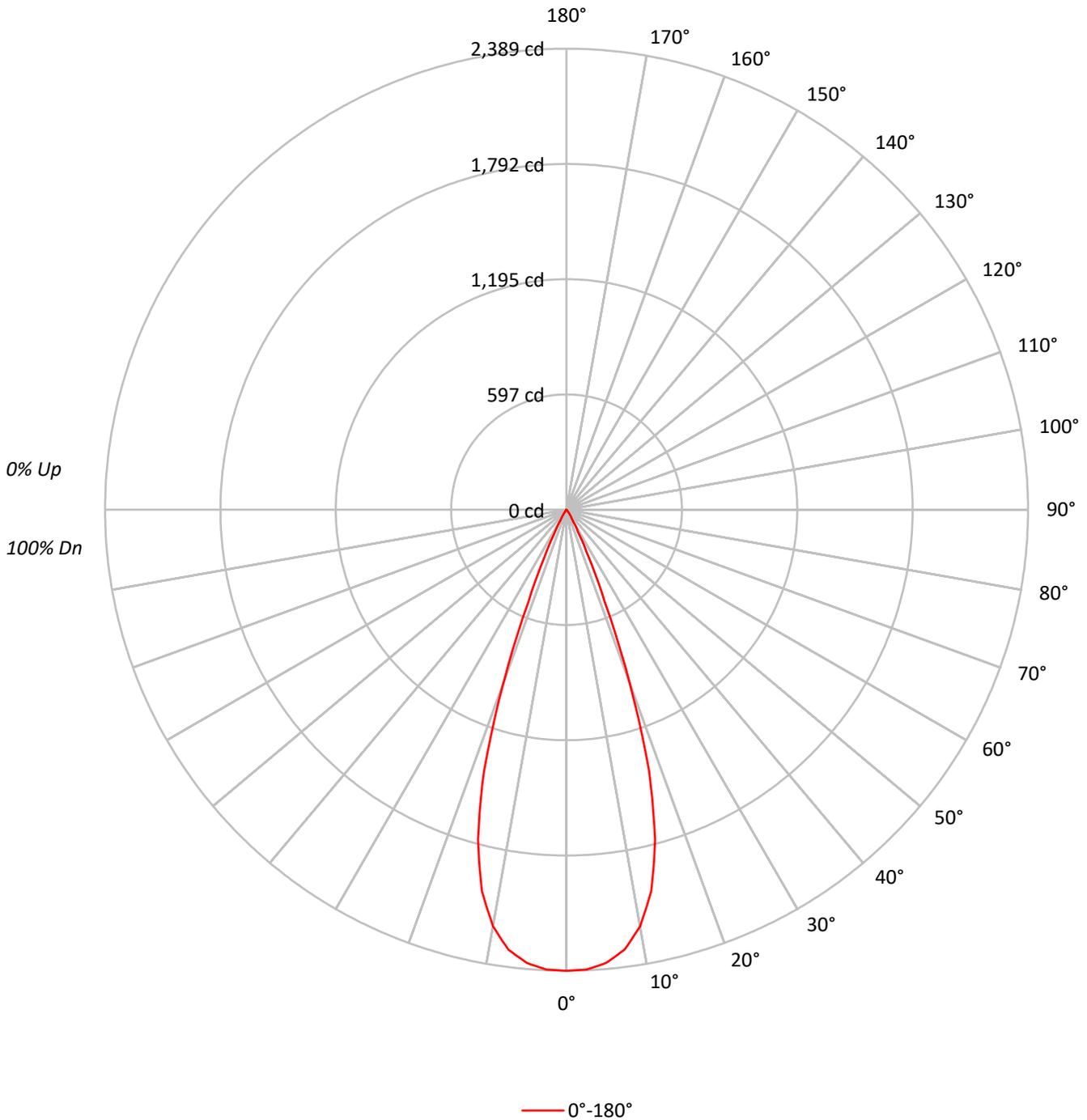
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 852.0 lumens  
Efficiency: N/A  
Efficacy: 77.5 lumens/watt  
Spacing Criteria (0/90/45): 0.64 / 0.64 / 0.55  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11  
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	99	98	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	97	96	94	96
2	111	107	104	102	109	106	103	101	103	100	98	100	98	96	97	96	94	94	93	91	93
3	107	103	99	96	106	101	98	95	99	96	94	97	94	92	94	93	91	94	93	91	90
4	104	98	94	91	102	97	94	91	95	92	90	94	91	89	92	90	88	92	90	88	87
5	101	95	90	87	99	94	90	87	92	89	86	91	88	86	89	87	85	89	87	85	84
6	98	91	87	84	96	90	86	84	89	86	83	88	85	83	87	84	82	87	84	82	81
7	95	88	84	81	94	87	83	80	86	83	80	85	82	80	84	81	79	84	81	79	78
8	92	85	81	78	91	85	80	78	84	80	77	83	79	77	82	79	77	82	79	77	76
9	89	82	78	75	88	82	78	75	81	77	75	80	77	75	80	77	74	80	77	74	73
10	87	80	76	73	86	79	75	73	79	75	73	78	75	72	77	74	72	77	74	72	71

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

0°	523840
5°	518907
10°	487922
15°	402023
20°	222619
25°	64552
30°	15927
35°	5729
40°	1431
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°	219.9	25.8
10°-20°	463.5	54.4
20°-30°	152.5	17.9
30°-40°	15.3	1.8
40°-50°	0.7	0.1
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°	836.0	98.1
0°-40°	851.3	99.9
0°-60°	852.0	100.0
0°-90°	852.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	852.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2389	
5°	2357	220
15°	1771	464
25°	267	153
35°	21	15
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2388.9
2.5°	2385.1
5°	2357.4
7.5°	2299.5
10°	2191.3
12.5°	2023.9
15°	1770.9
17.5°	1422.3
20°	954.0
22.5°	514.8
25°	266.8
27.5°	127.1
30°	62.9
32.5°	35.2
35°	21.4
37.5°	11.3
40°	5.0
42.5°	1.3
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)