

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: P1303906

Luminaire Tested: P3DUS24R709050D010 E3CBUS1MW

Issue Date: 1/29/2026

**Test Information**

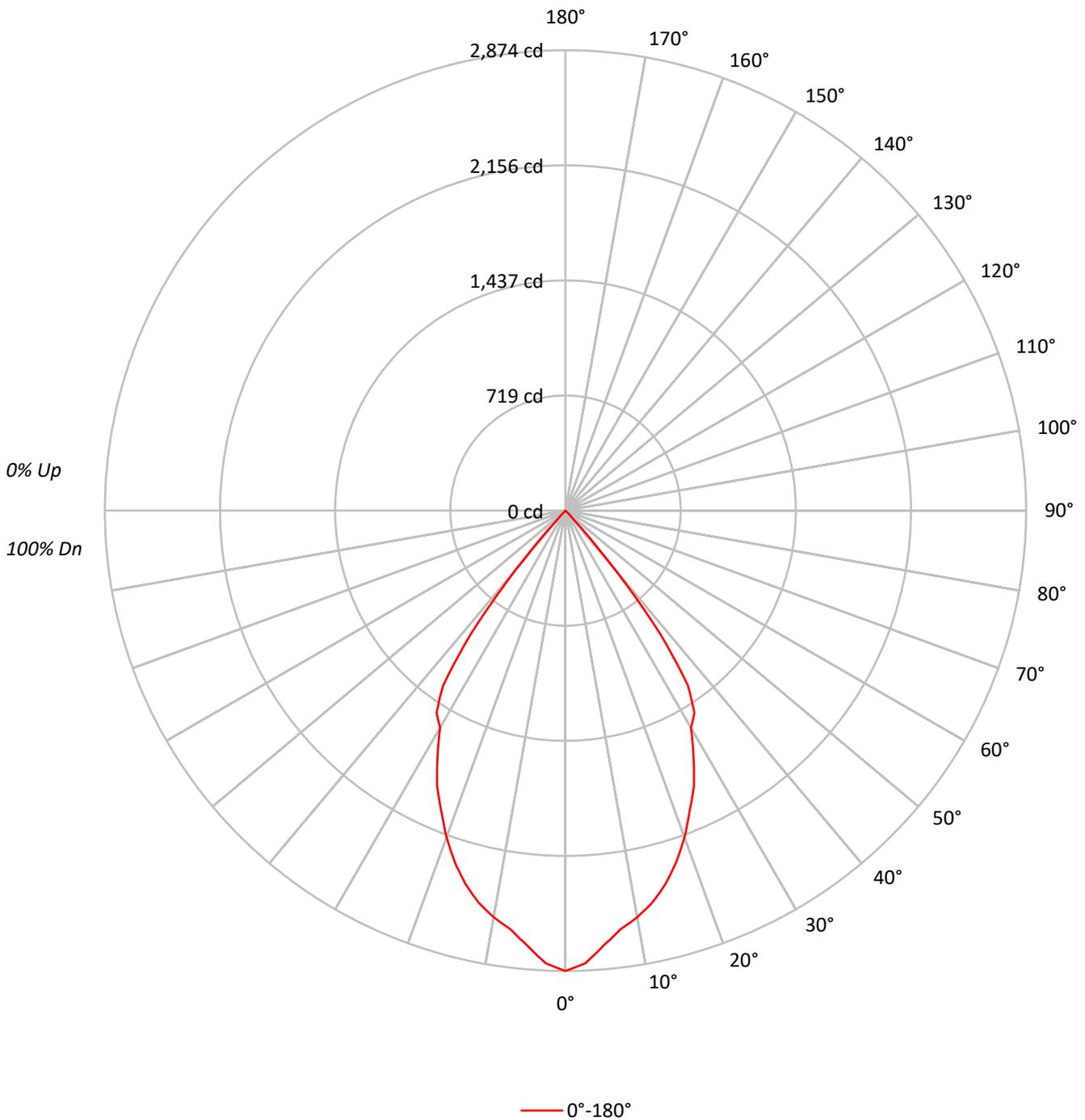
Test Method: LM-79-2019  
Report Number: P1303906  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-95)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3DUS24R709050D010 E3CBUS1MW  
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2591.0 lumens  
Efficiency: N/A  
Efficacy: 90.0 lumens/watt  
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.99  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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
1	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94			94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87			87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81			81
4	98	90	85	80	96	89	84	80	87	82	79	85	81	78	83	80	77	76			76
5	93	84	79	74	91	83	78	74	82	77	73	80	76	73	78	75	72	71			71
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66			66
7	83	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	61			61
8	79	70	64	60	78	69	64	60	68	63	59	67	62	59	66	62	59	57			57
9	75	66	60	56	74	65	60	56	64	59	56	63	59	55	63	58	55	54			54
10	72	62	56	52	71	62	56	52	61	56	52	60	55	52	59	55	52	51			51

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

	0°
0°	630125
5°	599976
10°	573982
15°	547540
20°	506331
25°	458809
30°	396162
35°	356432
40°	138603
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°	255.6	9.9
10°-20°	673.8	26.0
20°-30°	862.1	33.3
30°-40°	744.1	28.7
40°-50°	55.4	2.1
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°	1791.5	69.1
0°-40°	2535.6	97.9
0°-60°	2591.0	100.0
0°-90°	2591.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2591.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2874	
5°	2726	256
15°	2412	674
25°	1896	862
35°	1332	744
45°	0	55
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2873.6
2.5°	2828.8
5°	2725.7
7.5°	2636.0
10°	2577.8
12.5°	2506.0
15°	2411.9
17.5°	2299.8
20°	2169.8
22.5°	2026.3
25°	1896.3
27.5°	1730.5
30°	1564.6
32.5°	1497.3
35°	1331.5
37.5°	968.3
40°	484.2
42.5°	62.8
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)