

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: P1265605

Luminaire Tested: P3A17R659730DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

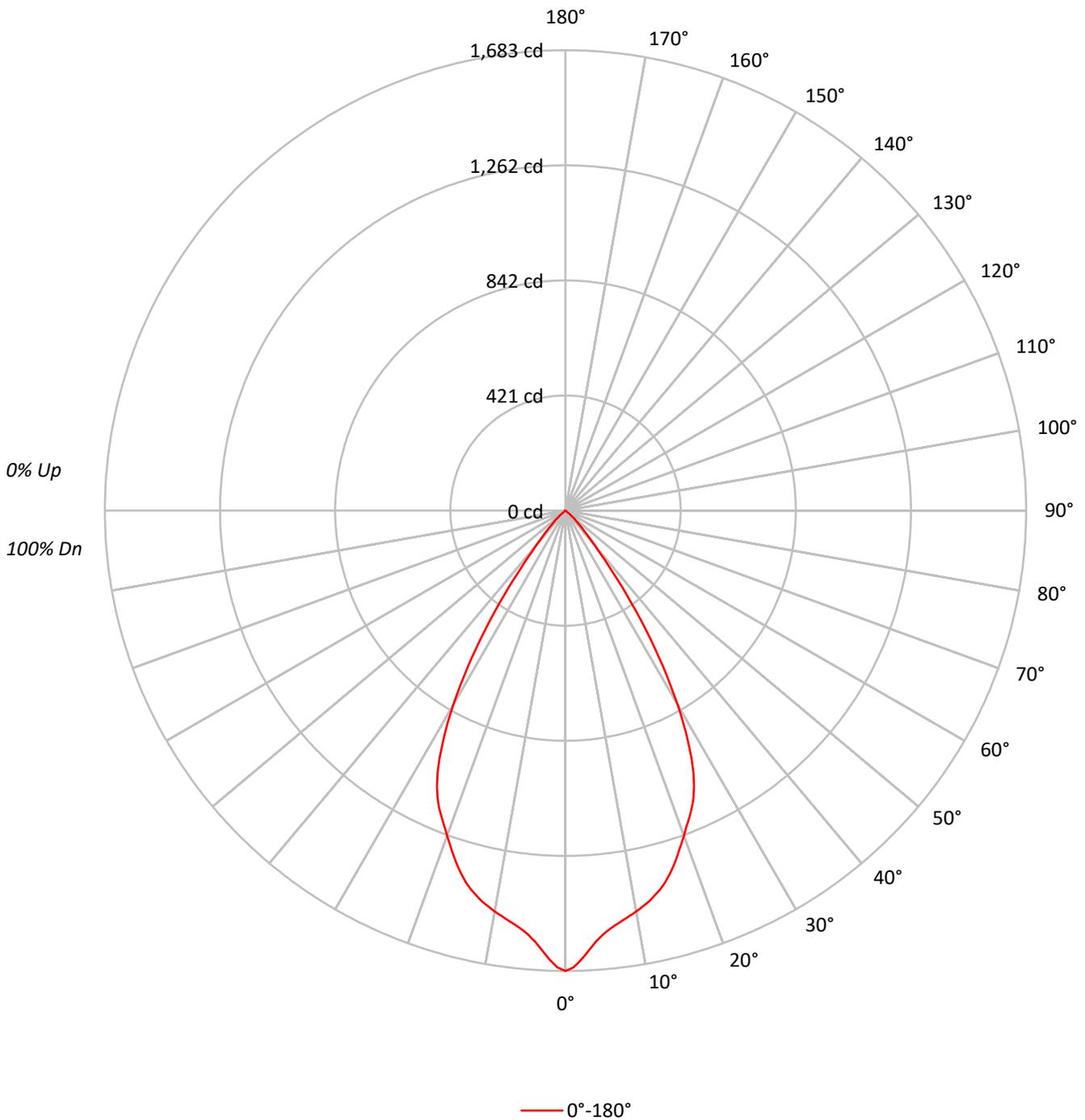
Test Method: LM-79-2019  
Report Number: P1265605  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R659730DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1377.0 lumens  
Efficiency: N/A  
Efficacy: 65.0 lumens/watt  
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88				88
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82				82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77				77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72				72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67				67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63				63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59				59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56				56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52				52

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

	0°
0°	368984
5°	342614
10°	331323
15°	319298
20°	295192
25°	268951
30°	207804
35°	120462
40°	47804
45°	20374
50°	4810
55°	650
60°	482
65°	311
70°	385
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 20374 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.8	10.7
10°-20°	391.9	28.5
20°-30°	496.0	36.0
30°-40°	282.4	20.5
40°-50°	56.1	4.1
50°-60°	2.9	0.2
60°-70°	0.8	0.1
70°-80°	0.1	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°	1034.7	75.1
0°-40°	1317.1	95.7
0°-60°	1376.1	99.9
0°-90°	1377.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1377.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1683	
5°	1556	147
15°	1406	392
25°	1112	496
35°	450	282
45°	66	56
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1682.7
1°	1670.2
2°	1643.0
3°	1611.4
4°	1580.2
5°	1556.5
6°	1538.9
7°	1524.8
8°	1512.3
9°	1499.9
10°	1488.0
11°	1474.9
12°	1461.4
13°	1445.0
14°	1427.4
15°	1406.5
16°	1381.6
17°	1354.4
18°	1325.0
19°	1293.8
20°	1265.0
21°	1235.5
22°	1208.9
23°	1181.2
24°	1148.9
25°	1111.6
26°	1066.9
27°	1013.1
28°	952.5
29°	888.0
30°	820.7
31°	746.5
32°	673.0
32.5°	635.0
33°	598.2
34°	523.5
35°	450.0
36°	382.0
37°	314.7
37.5°	280.2
38°	252.4
39°	204.3
40°	167.0
42.5°	103.0
45°	65.7



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	38.5
50°	14.1
52.5°	2.8
55°	1.7
57.5°	1.1
60°	1.1
62.5°	1.1
65°	0.6
67.5°	0.6
70°	0.6
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)