

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: P1266266

Luminaire Tested: P3A02R359735DE010 E3D1MW

Issue Date: 1/30/2026

**Test Information**

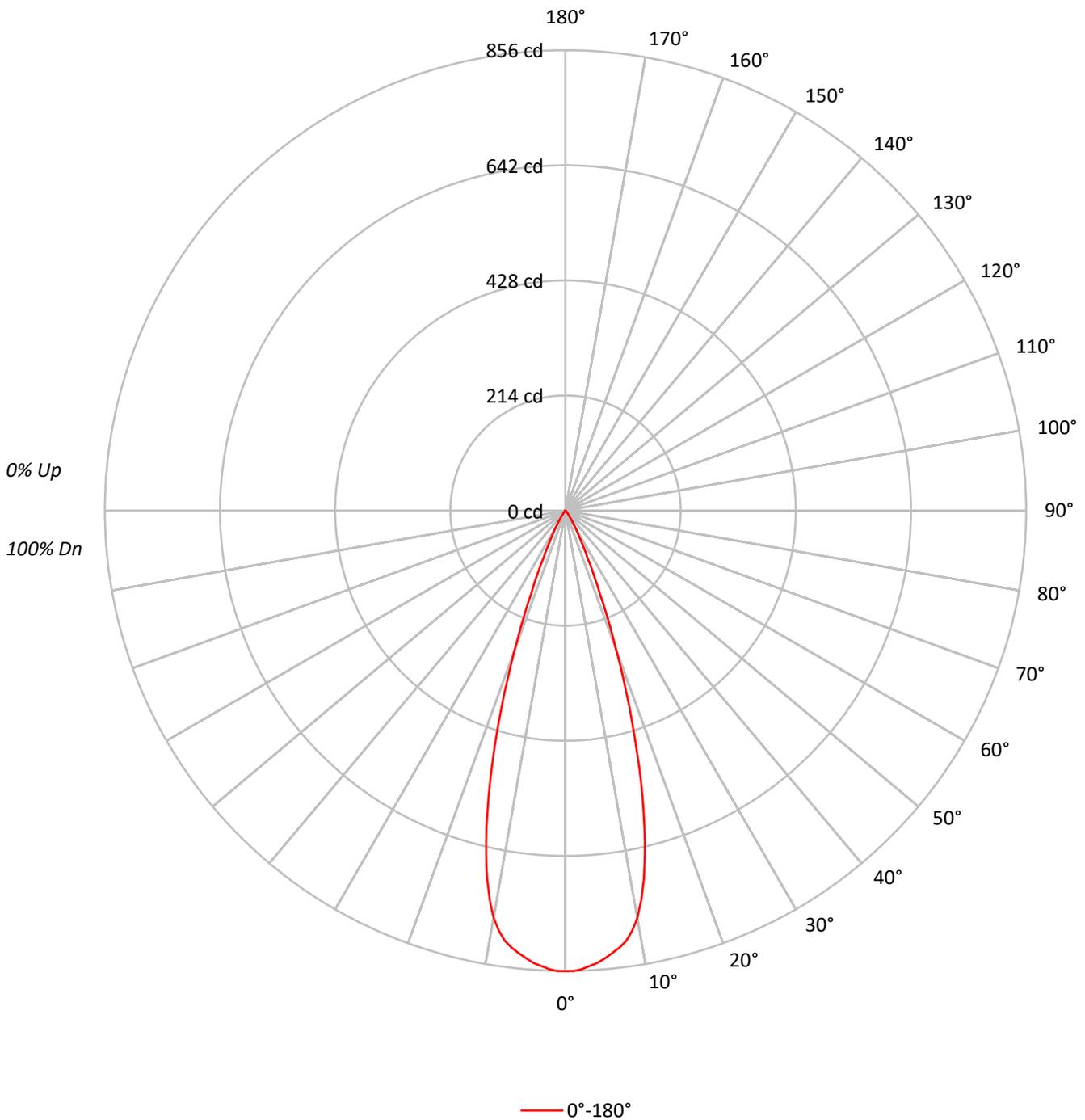
Test Method: LM-79-2019  
Report Number: P1266266  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R359735DE010 E3D1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3D1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 288.0 lumens  
Efficiency: N/A  
Efficacy: 80.0 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96			96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93			93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89			89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86			86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83			83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80			80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	77			77
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75			75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73			73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70			70

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

	0°
0°	187792
5°	183975
10°	171139
15°	125472
20°	64242
25°	23155
30°	9014
35°	3159
40°	1288
45°	341
50°	307
55°	344
60°	307
65°	259
70°	321
75°	424
80°	253
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 75°  
 Luminance: 424 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	77.9	27.1
10°-20°	146.2	50.8
20°-30°	51.8	18.0
30°-40°	9.1	3.1
40°-50°	1.3	0.5
50°-60°	0.7	0.3
60°-70°	0.6	0.2
70°-80°	0.4	0.1
80°-90°	0.1	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°	275.9	95.8
0°-40°	284.9	98.9
0°-60°	287.0	99.6
0°-90°	288.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	288.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	856	
5°	836	78
15°	553	146
25°	96	52
35°	12	9
45°	1	1
55°	1	1
65°	0	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	856.4
1°	856.2
2°	853.5
3°	848.2
4°	843.5
5°	835.8
6°	827.8
7°	819.0
8°	808.1
9°	791.1
10°	768.6
11°	737.6
12°	700.1
13°	655.7
14°	606.7
15°	552.7
17.5°	411.7
20°	275.3
22.5°	166.0
25°	95.7
27.5°	57.2
30°	35.6
32.5°	20.6
35°	11.8
37.5°	7.5
40°	4.5
42.5°	2.3
45°	1.1
47.5°	0.9
50°	0.9
52.5°	0.9
55°	0.9
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.2
80°	0.2
82.5°	0.2
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)