

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: P1276476

Luminaire Tested: P3AS17R359835DE010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

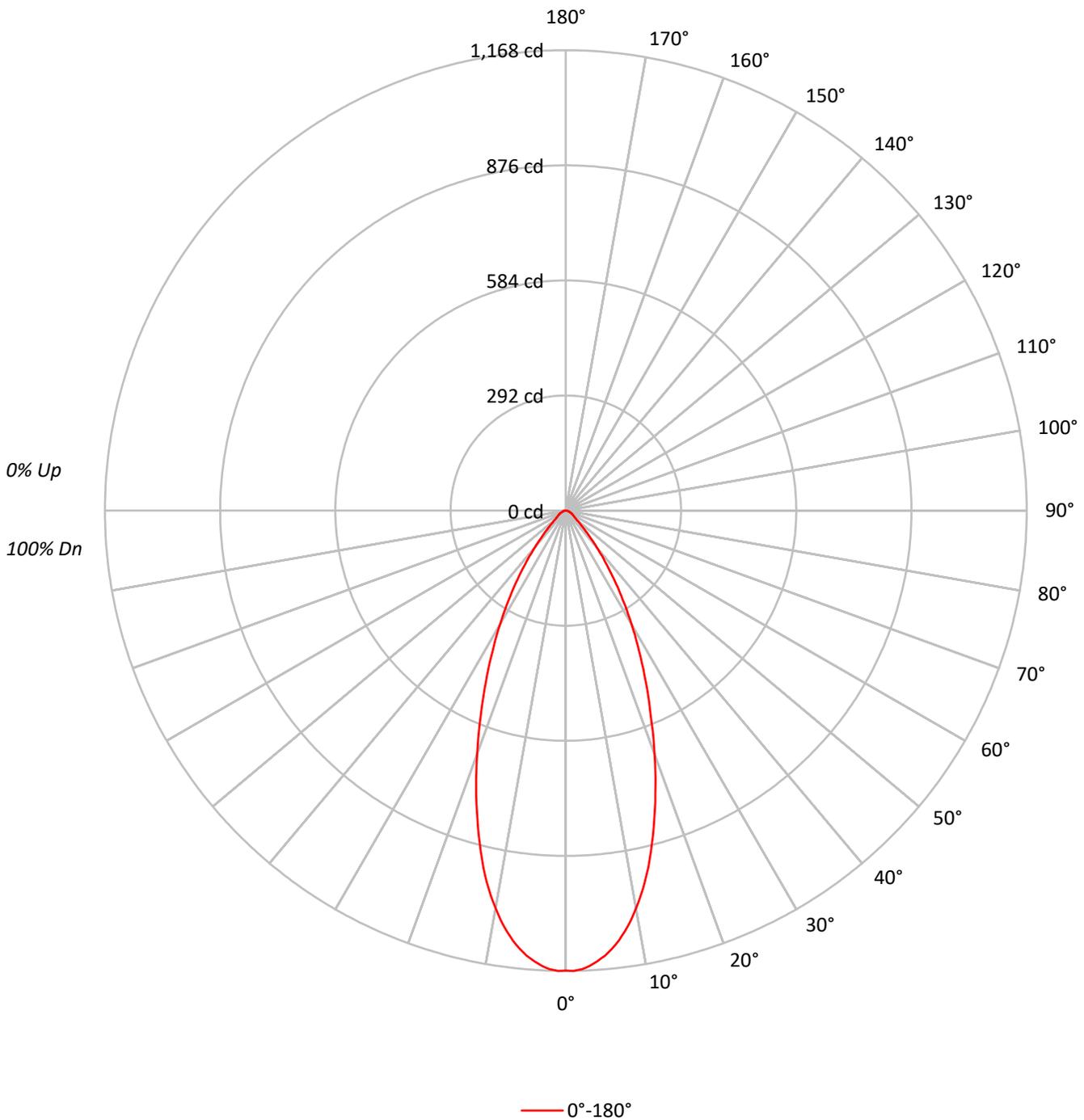
Test Method: LM-79-2019  
Report Number: P1276476  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R359835DE010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 796.0 lumens  
Efficiency: N/A  
Efficacy: 39.0 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.4  
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	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	87	87	87	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	81	81	81	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	76	76	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	62	62	62	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	59	59	59	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	55	55	55	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	53	53	53	51

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

	0°
0°	255857
5°	249548
10°	228141
15°	193645
20°	153290
25°	115942
30°	84418
35°	57099
40°	35094
45°	20157
50°	12110
55°	9825
60°	8596
65°	7627
70°	6283
75°	6270
80°	6188
85°	6290

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 20157 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	104.8	13.2
10°-20°	235.2	29.5
20°-30°	220.0	27.6
30°-40°	134.7	16.9
40°-50°	53.1	6.7
50°-60°	23.4	2.9
60°-70°	14.6	1.8
70°-80°	7.8	1.0
80°-90°	2.7	0.3
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°	559.9	70.3
0°-40°	694.6	87.3
0°-60°	771.0	96.9
0°-90°	796.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	796.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1167	
5°	1134	105
15°	853	235
25°	479	220
35°	213	135
45°	65	53
55°	26	23
65°	15	15
75°	7	8
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1166.8
1°	1168.0
2°	1164.3
3°	1157.0
4°	1146.0
5°	1133.7
6°	1117.8
7°	1099.4
8°	1077.3
9°	1052.8
10°	1024.6
11°	995.2
12°	963.3
13°	929.0
14°	891.0
15°	853.0
17.5°	755.0
20°	656.9
22.5°	562.6
25°	479.2
27.5°	402.0
30°	333.4
32.5°	269.6
35°	213.3
37.5°	163.0
40°	122.6
42.5°	88.2
45°	65.0
47.5°	46.6
50°	35.5
52.5°	29.4
55°	25.7
57.5°	22.1
60°	19.6
62.5°	17.2
65°	14.7
67.5°	12.3
70°	9.8
72.5°	8.6
75°	7.4
77.5°	6.1
80°	4.9
82.5°	3.7
85°	2.5
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)