

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: P1293129

Luminaire Tested: P3AS09R35W2N902765DE010 E3DLP1MW\_4000K

Issue Date: 1/30/2026

**Test Information**

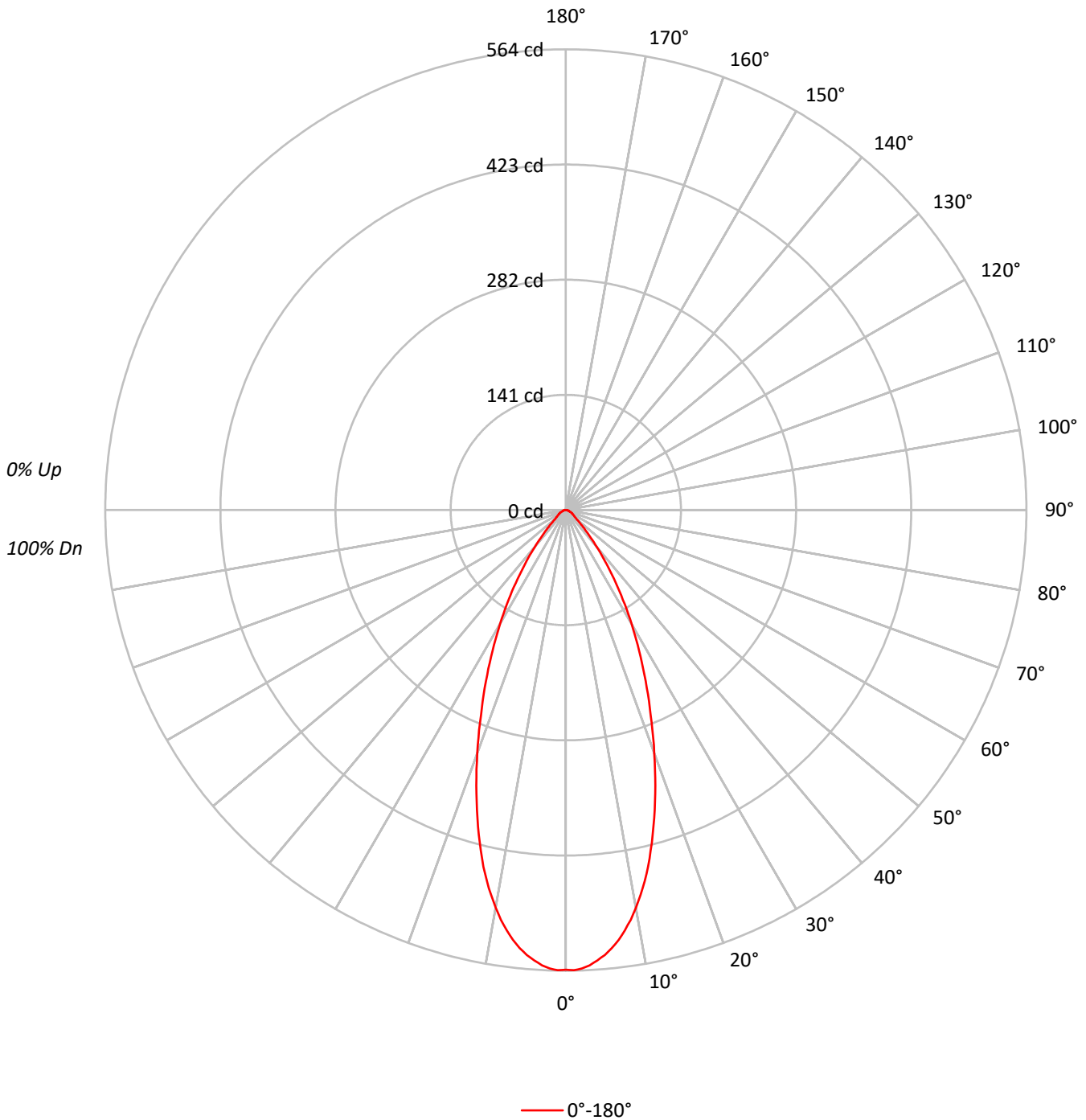
Test Method: LM-79-2019  
Report Number: P1293129  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R35W2N902765DE010 E3DLP1MW\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 90CRI ,  
E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 384.0 lumens  
Efficiency: N/A  
Efficacy: 42.7 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): 9  
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
RC	80					70						30							10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50
RCR																			
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102
1	113	110	108	105		111	108	106	104		104	102	100		100	99	97		97
2	107	102	98	94		105	100	97	93		97	94	91		94	92	89		91
3	102	95	90	86		100	94	89	85		91	87	84		89	85	82		86
4	97	89	83	79		95	88	82	78		86	81	77		84	80	77		82
5	92	83	77	73		90	82	77	73		81	76	72		79	75	71		77
6	87	78	72	68		86	77	72	68		76	71	67		75	70	67		73
7	83	74	68	63		82	73	67	63		72	67	63		71	66	63		69
8	79	70	64	60		78	69	63	59		68	63	59		67	62	59		66
9	76	66	60	56		75	66	60	56		65	59	56		64	59	56		63
10	72	63	57	53		71	62	57	53		61	56	53		61	56	53		60

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

	0°
0°	123433
5°	120383
10°	110063
15°	93417
20°	73950
25°	55939
30°	40715
35°	27546
40°	16917
45°	9706
50°	5833
55°	4741
60°	4166
65°	3684
70°	3013
75°	2965
80°	3031
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9706 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	50.5	13.2
10°-20°	113.4	29.5
20°-30°	106.1	27.6
30°-40°	65.0	16.9
40°-50°	25.6	6.7
50°-60°	11.3	2.9
60°-70°	7.0	1.8
70°-80°	3.7	1.0
80°-90°	1.3	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°	270.1	70.3
0°-40°	335.1	87.3
0°-60°	371.9	96.9
0°-90°	384.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	384.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	563	
5°	547	51
15°	412	113
25°	231	106
35°	103	65
45°	31	26
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	562.9
1°	563.5
2°	561.7
3°	558.1
4°	552.8
5°	546.9
6°	539.2
7°	530.4
8°	519.7
9°	507.9
10°	494.3
11°	480.1
12°	464.7
13°	448.2
14°	429.8
15°	411.5
17.5°	364.2
20°	316.9
22.5°	271.4
25°	231.2
27.5°	193.9
30°	160.8
32.5°	130.1
35°	102.9
37.5°	78.6
40°	59.1
42.5°	42.6
45°	31.3
47.5°	22.5
50°	17.1
52.5°	14.2
55°	12.4
57.5°	10.6
60°	9.5
62.5°	8.3
65°	7.1
67.5°	5.9
70°	4.7
72.5°	4.1
75°	3.5
77.5°	3.0
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)