

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: P1290559

Luminaire Tested: P3A05R55W2N902765DE010 E3DLD1WMH\_3500K

Issue Date: 1/30/2026

**Test Information**

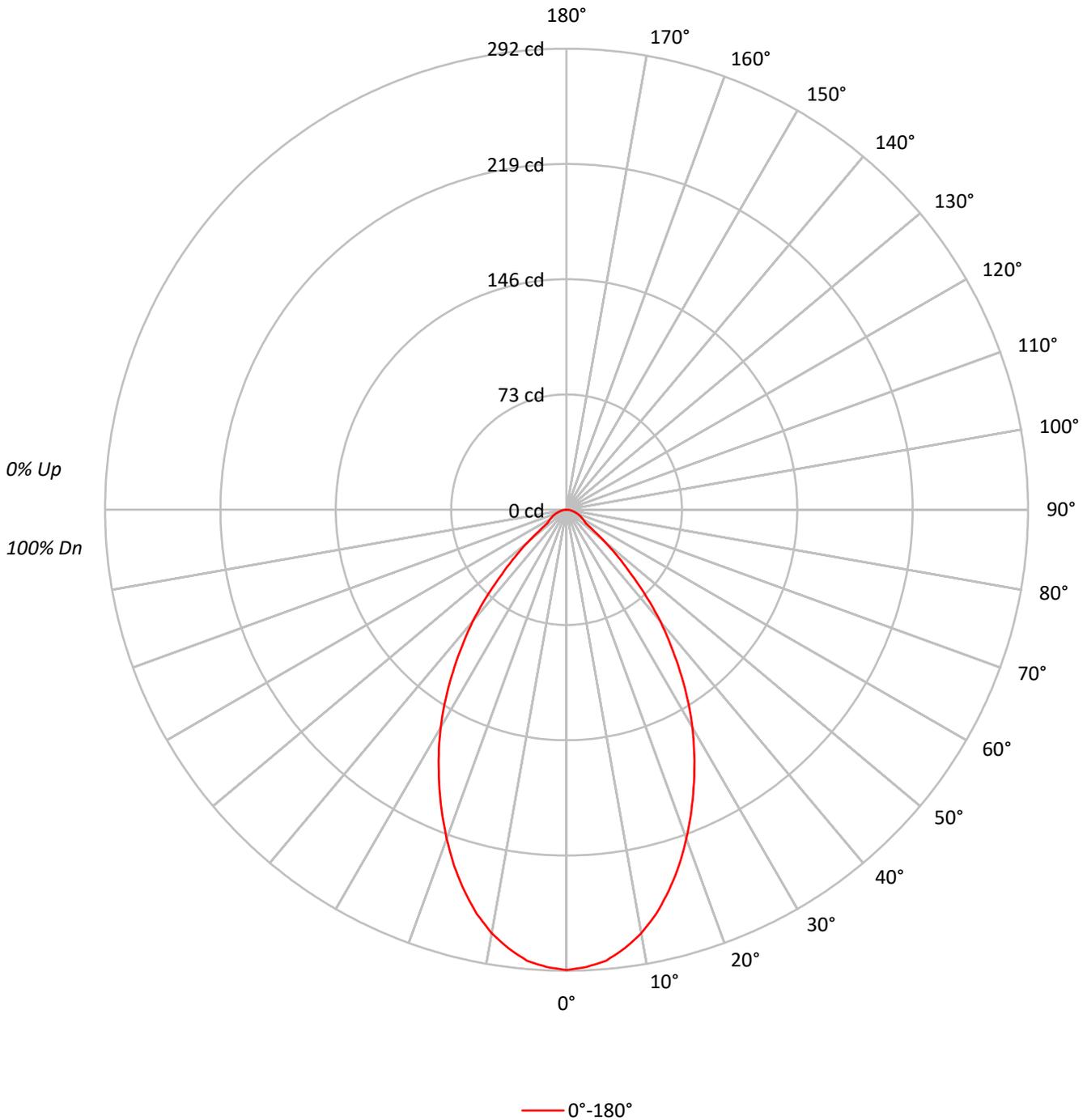
Test Method: LM-79-2019  
Report Number: P1290559  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R55W2N902765DE010 E3DLD1WMH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3500K CCT AND, 90CRI ,  
E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 340.0 lumens  
Efficiency: N/A  
Efficacy: 57.6 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 5.9  
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				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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91		
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82		
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74		
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68		
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62		
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57		
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52		
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48		
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45		
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42		

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

	0°
0°	63920
5°	63108
10°	60631
15°	56709
20°	51734
25°	46140
30°	40361
35°	33542
40°	26450
45°	17924
50°	10951
55°	5696
60°	5263
65°	4981
70°	4616
75°	4067
80°	4041
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17924 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	26.9	7.9
10°-20°	69.8	20.5
20°-30°	87.4	25.7
30°-40°	78.0	23.0
40°-50°	45.7	13.4
50°-60°	15.8	4.6
60°-70°	9.5	2.8
70°-80°	5.3	1.6
80°-90°	1.5	0.4
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°	184.1	54.2
0°-40°	262.2	77.1
0°-60°	323.7	95.2
0°-90°	340.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	340.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	292	
5°	287	27
15°	250	70
25°	191	87
35°	125	78
45°	58	46
55°	15	16
65°	10	9
75°	5	5
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	291.5
2.5°	289.9
5°	286.7
7.5°	280.3
10°	272.3
12.5°	262.2
15°	249.8
17.5°	236.5
20°	221.7
22.5°	206.4
25°	190.7
27.5°	175.1
30°	159.4
32.5°	142.6
35°	125.3
37.5°	108.4
40°	92.4
42.5°	75.1
45°	57.8
47.5°	44.2
50°	32.1
52.5°	20.9
55°	14.9
57.5°	13.3
60°	12.0
62.5°	10.8
65°	9.6
67.5°	8.4
70°	7.2
72.5°	6.0
75°	4.8
77.5°	4.0
80°	3.2
82.5°	2.0
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)