

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: P1275845

Luminaire Tested: P3AS09R459835DE010 E3DLP1WMH

Issue Date: 1/30/2026

**Test Information**

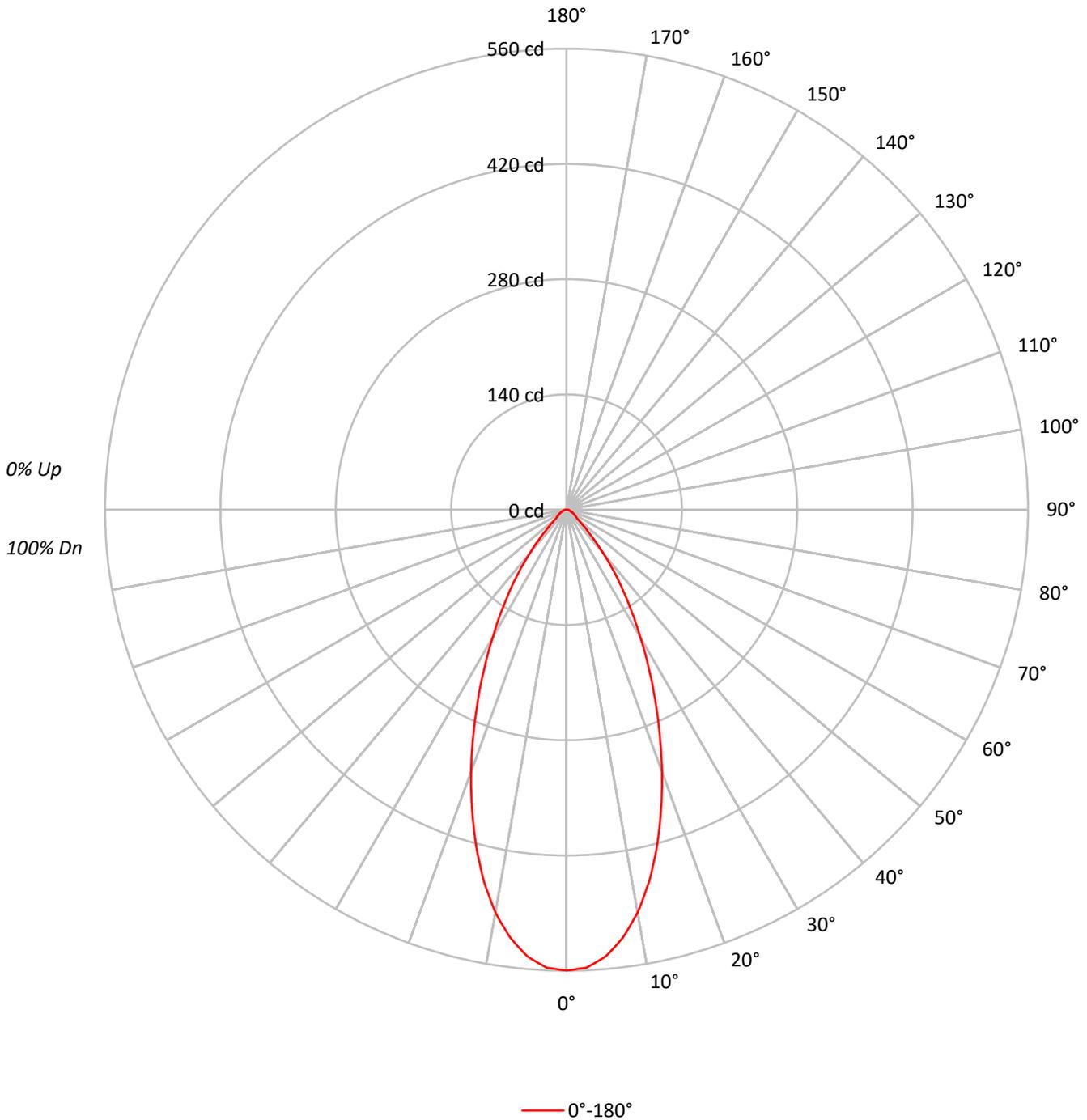
Test Method: LM-79-2019  
Report Number: P1275845  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R459835DE010 E3DLP1WMH  
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 412.0 lumens  
Efficiency: N/A  
Efficacy: 37.5 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11  
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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60			60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			50

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

	0°
0°	122709
5°	119920
10°	110619
15°	96187
20°	79014
25°	61479
30°	45399
35°	31962
40°	19952
45°	10792
50°	5833
55°	5008
60°	4517
65°	3840
70°	3270
75°	3389
80°	2904
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10792 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	50.5	12.2
10°-20°	117.1	28.4
20°-30°	116.3	28.2
30°-40°	74.9	18.2
40°-50°	28.8	7.0
50°-60°	11.7	2.8
60°-70°	7.4	1.8
70°-80°	4.0	1.0
80°-90°	1.2	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°	283.9	68.9
0°-40°	358.8	87.1
0°-60°	399.4	96.9
0°-90°	412.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	412.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	560	
5°	545	50
15°	424	117
25°	254	116
35°	119	75
45°	35	29
55°	13	12
65°	7	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	559.6
2.5°	556.8
5°	544.8
7.5°	524.2
10°	496.8
12.5°	462.6
15°	423.7
17.5°	381.5
20°	338.6
22.5°	295.2
25°	254.1
27.5°	215.3
30°	179.3
32.5°	147.9
35°	119.4
37.5°	93.7
40°	69.7
42.5°	50.3
45°	34.8
47.5°	23.4
50°	17.1
52.5°	14.3
55°	13.1
57.5°	11.4
60°	10.3
62.5°	8.6
65°	7.4
67.5°	6.3
70°	5.1
72.5°	4.6
75°	4.0
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)