

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: P1275926

Luminaire Tested: P3AS09R609835DE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

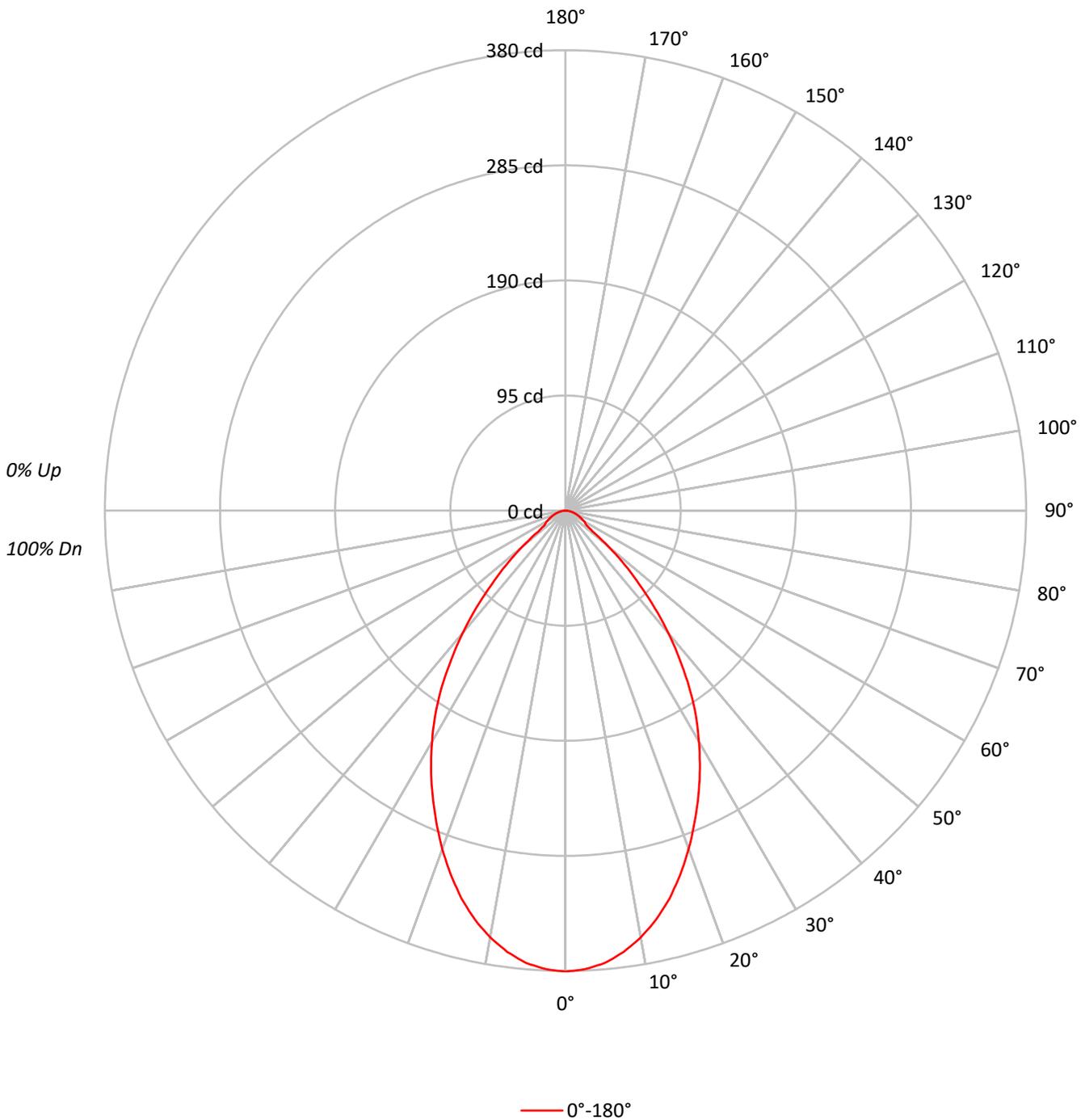
Test Method: LM-79-2019  
Report Number: P1275926  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R609835DE010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 470.0 lumens  
Efficiency: N/A  
Efficacy: 42.7 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	100				100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91				91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82				82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74				74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67				67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61				61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56				56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51				51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47				47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44				44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41				41

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

	0°
0°	83436
5°	82500
10°	79647
15°	75233
20°	69353
25°	62786
30°	55755
35°	47649
40°	37871
45°	26700
50°	15965
55°	8067
60°	7763
65°	7108
70°	6604
75°	6270
80°	5809
85°	4277

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 26700 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.2	7.5
10°-20°	92.6	19.7
20°-30°	118.9	25.3
30°-40°	110.3	23.5
40°-50°	67.1	14.3
50°-60°	22.4	4.8
60°-70°	13.6	2.9
70°-80°	7.7	1.6
80°-90°	2.2	0.5
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°	246.8	52.5
0°-40°	357.0	76.0
0°-60°	446.6	95.0
0°-90°	470.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	470.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	380	
5°	375	35
15°	331	93
25°	260	119
35°	178	110
45°	86	67
55°	21	22
65°	14	14
75°	7	8
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	380.5
2.5°	378.8
5°	374.8
7.5°	367.4
10°	357.7
12.5°	345.7
15°	331.4
17.5°	314.9
20°	297.2
22.5°	278.4
25°	259.5
27.5°	240.2
30°	220.2
32.5°	200.2
35°	178.0
37.5°	154.6
40°	132.3
42.5°	109.0
45°	86.1
47.5°	66.7
50°	46.8
52.5°	28.0
55°	21.1
57.5°	19.4
60°	17.7
62.5°	15.4
65°	13.7
67.5°	12.0
70°	10.3
72.5°	8.6
75°	7.4
77.5°	5.7
80°	4.6
82.5°	2.9
85°	1.7
87.5°	1.1
90°	0.0

(END OF REPORT)