

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: P1274747

Luminaire Tested: P3AS20R359830D010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

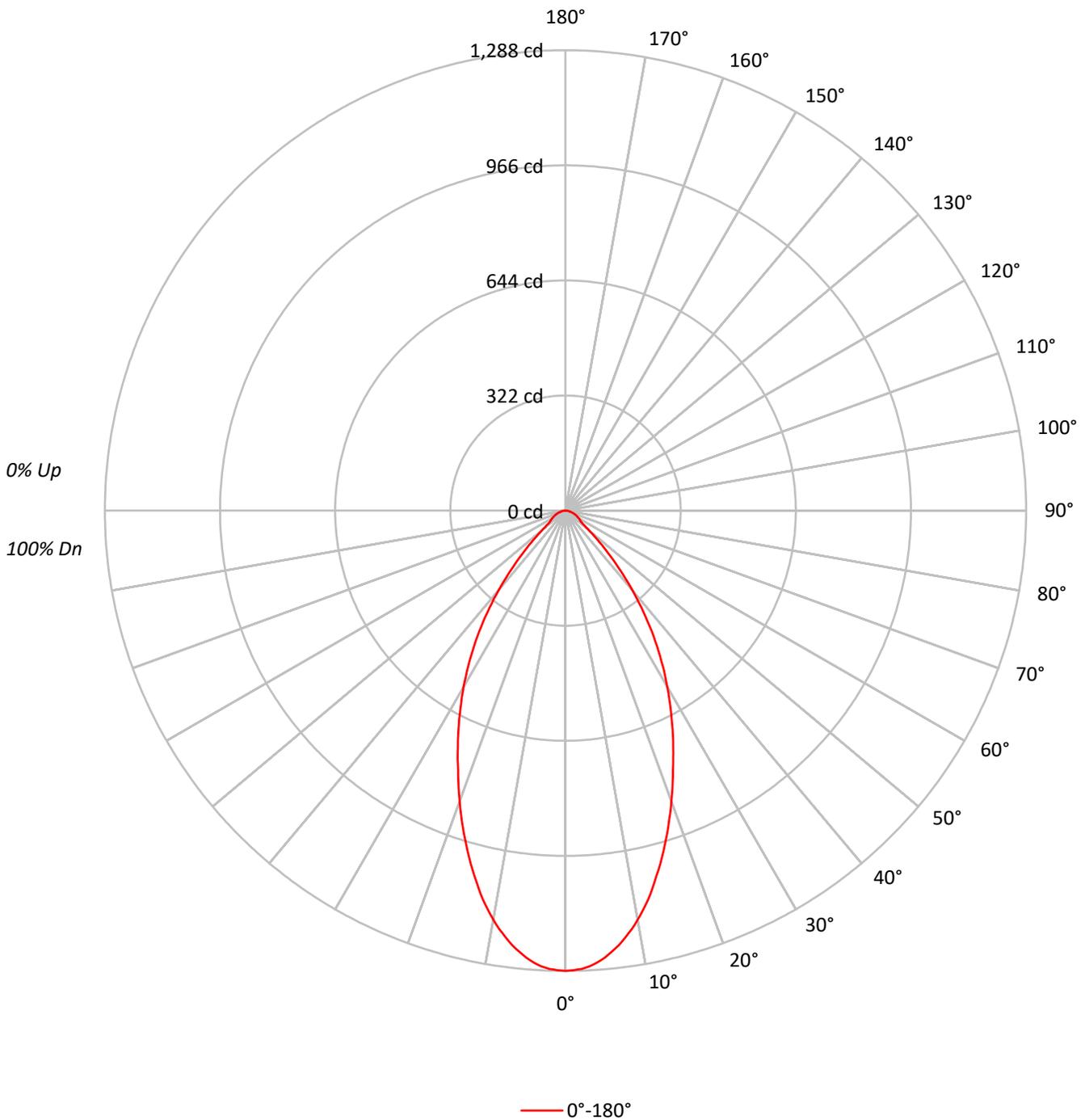
Test Method: LM-79-2019  
Report Number: P1274747  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R359830D010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1236.0 lumens  
Efficiency: N/A  
Efficacy: 45.1 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 27.4  
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	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

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

	0°
0°	282346
5°	276359
10°	258802
15°	232306
20°	202084
25°	172220
30°	144250
35°	114894
40°	83070
45°	52564
50°	28656
55°	19842
60°	18770
65°	17434
70°	16669
75°	14234
80°	13512
85°	11573

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 52564 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	116.8	9.5
10°-20°	284.8	23.0
20°-30°	326.4	26.4
30°-40°	266.3	21.5
40°-50°	134.3	10.9
50°-60°	49.9	4.0
60°-70°	33.4	2.7
70°-80°	18.5	1.5
80°-90°	5.6	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°	728.0	58.9
0°-40°	994.3	80.4
0°-60°	1178.4	95.3
0°-90°	1236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1236.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1288	
5°	1256	117
15°	1023	285
25°	712	326
35°	429	266
45°	170	134
55°	52	50
65°	34	33
75°	17	19
85°	5	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1287.6
1°	1286.0
2°	1283.0
3°	1276.9
4°	1267.7
5°	1255.5
6°	1240.2
7°	1224.9
8°	1205.1
9°	1185.2
10°	1162.3
11°	1137.9
12°	1111.9
13°	1082.9
14°	1052.4
15°	1023.3
17.5°	945.4
20°	866.0
22.5°	785.1
25°	711.8
27.5°	640.0
30°	569.7
32.5°	499.4
35°	429.2
37.5°	358.9
40°	290.2
42.5°	226.1
45°	169.5
47.5°	122.2
50°	84.0
52.5°	61.1
55°	51.9
57.5°	47.3
60°	42.8
62.5°	38.2
65°	33.6
67.5°	29.0
70°	26.0
72.5°	21.4
75°	16.8
77.5°	13.7
80°	10.7
82.5°	7.6
85°	4.6
87.5°	3.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)