

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: P1287394

Luminaire Tested: P3AS17R159030D2WDE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

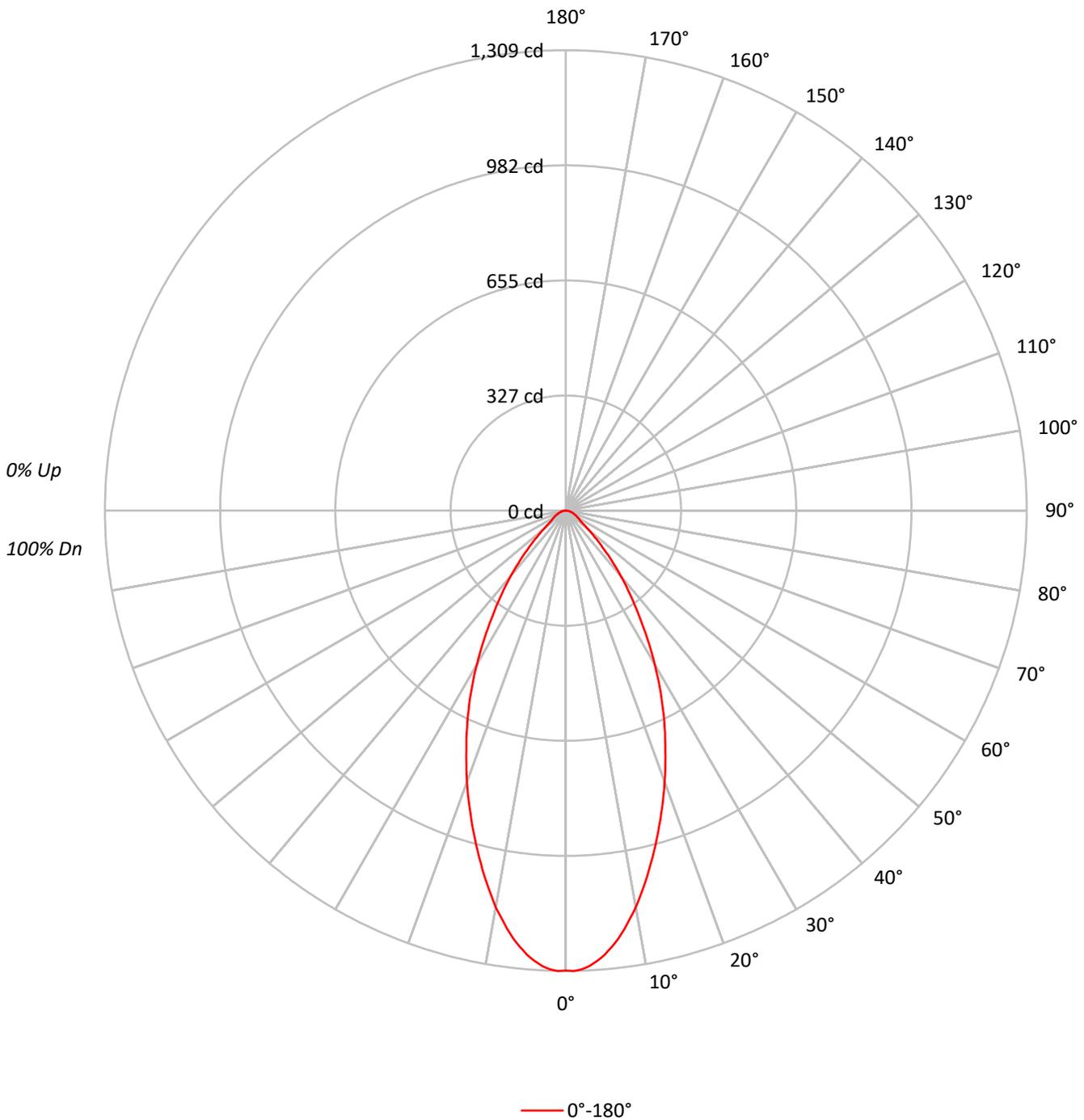
Test Method: LM-79-2019  
Report Number: P1287394  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R159030D2WDE010 E3DLD1WMH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1136.9 lumens  
Efficiency: N/A  
Efficacy: 41.6 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 27.3  
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			
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65			
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56			
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46			

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

	0°
0°	286797
5°	279022
10°	254972
15°	223338
20°	191583
25°	159953
30°	128020
35°	96021
40°	69673
45°	45555
50°	28485
55°	19268
60°	17060
65°	15670
70°	14746
75°	13386
80°	12754
85°	10819

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 45555 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	117.0	10.3
10°-20°	274.1	24.1
20°-30°	302.0	26.6
30°-40°	226.2	19.9
40°-50°	117.2	10.3
50°-60°	48.6	4.3
60°-70°	30.1	2.6
70°-80°	16.9	1.5
80°-90°	4.9	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°	693.1	61.0
0°-40°	919.3	80.9
0°-60°	1085.1	95.4
0°-90°	1136.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1136.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1308	
5°	1268	117
15°	984	274
25°	661	302
35°	359	226
45°	147	117
55°	50	49
65°	30	30
75°	16	17
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1307.9
1°	1309.3
2°	1305.0
3°	1296.4
4°	1283.4
5°	1267.6
6°	1247.4
7°	1225.8
8°	1199.9
9°	1172.5
10°	1145.1
12.5°	1065.9
15°	983.8
17.5°	901.7
20°	821.0
22.5°	738.9
25°	661.1
27.5°	583.4
30°	505.6
32.5°	429.2
35°	358.7
37.5°	298.2
40°	243.4
42.5°	193.0
45°	146.9
47.5°	110.9
50°	83.5
52.5°	61.9
55°	50.4
57.5°	44.7
60°	38.9
62.5°	34.6
65°	30.2
67.5°	25.9
70°	23.0
72.5°	18.7
75°	15.8
77.5°	13.0
80°	10.1
82.5°	7.2
85°	4.3
87.5°	1.4
90°	0.0

(END OF REPORT)