

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: P1287477

Luminaire Tested: P3AS17R309030D2WDE010 E3DL1WH

Issue Date: 1/30/2026

**Test Information**

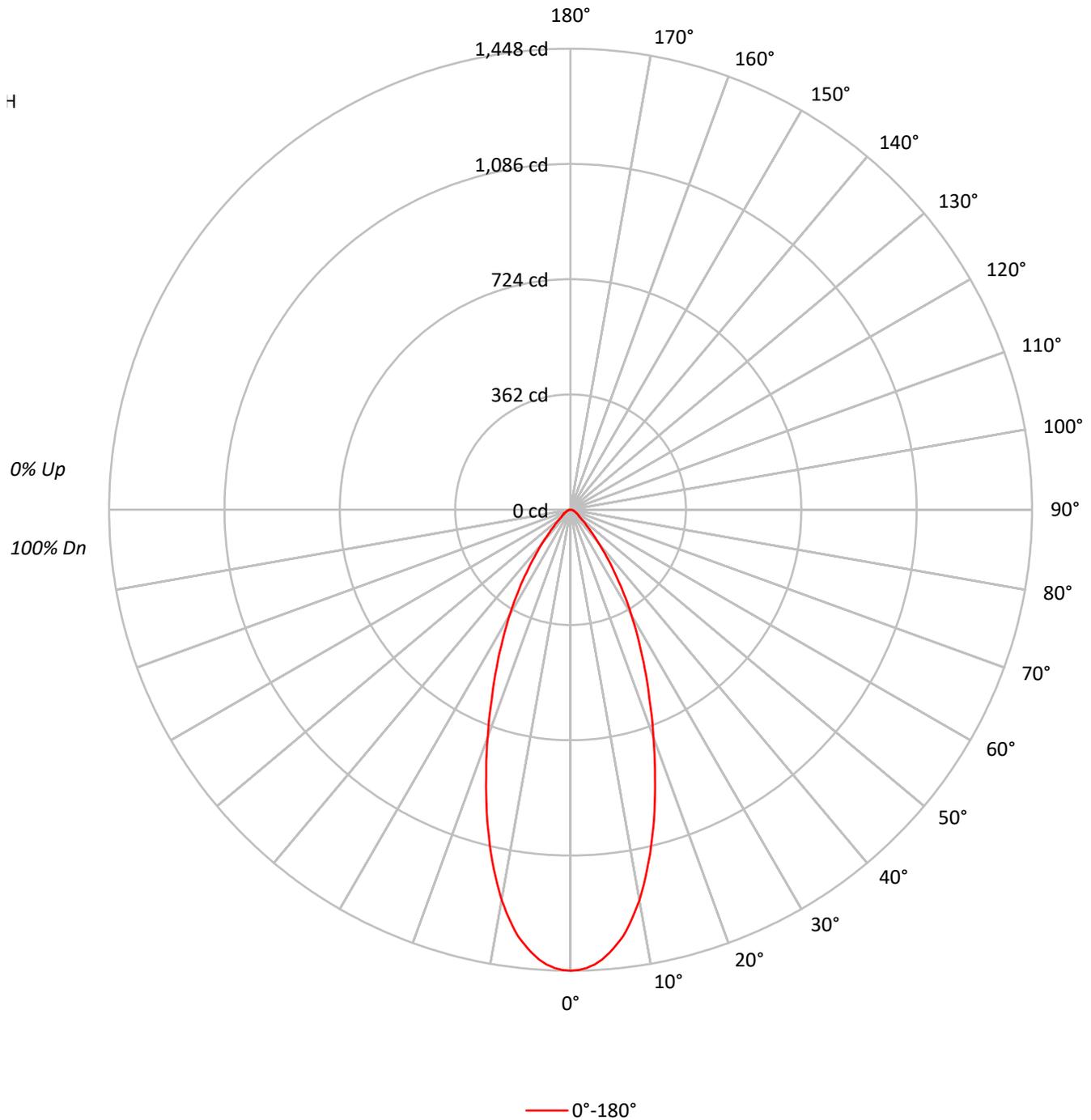
Test Method: LM-79-2019  
Report Number: P1287477  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309030D2WDE010 E3DL1WH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 929.0 lumens  
Efficiency: N/A  
Efficacy: 34.0 lumens/watt  
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7  
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				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	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70	70	70	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65	65	65	65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61	61	61	61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58	58	58	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

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

	0°
0°	317453
5°	307571
10°	277127
15°	229241
20°	177489
25°	133145
30°	96648
35°	64407
40°	39588
45°	23227
50°	14260
55°	11584
60°	10087
65°	8198
70°	7373
75°	7286
80°	5430
85°	7296

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 23227 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	128.5	13.8
10°-20°	278.1	29.9
20°-30°	253.0	27.2
30°-40°	153.0	16.5
40°-50°	61.3	6.6
50°-60°	27.1	2.9
60°-70°	16.3	1.8
70°-80°	8.9	1.0
80°-90°	2.5	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°	659.7	71.0
0°-40°	812.7	87.5
0°-60°	901.2	97.0
0°-90°	929.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	929.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1448	
5°	1397	129
15°	1010	278
25°	550	253
35°	241	153
45°	75	61
55°	30	27
65°	16	16
75°	9	9
85°	3	3
90°	0	



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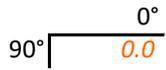
**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1447.7
1°	1446.3
2°	1440.5
3°	1430.4
4°	1416.0
5°	1397.3
6°	1374.3
7°	1349.8
8°	1318.1
9°	1282.1
10°	1244.6
11°	1201.4
12°	1155.3
13°	1109.2
14°	1058.8
15°	1009.8
17.5°	881.6
20°	760.6
22.5°	648.2
25°	550.3
27.5°	461.0
30°	381.7
32.5°	308.3
35°	240.6
37.5°	184.4
40°	138.3
42.5°	100.8
45°	74.9
47.5°	56.2
50°	41.8
52.5°	33.1
55°	30.3
57.5°	25.9
60°	23.0
62.5°	18.7
65°	15.8
67.5°	14.4
70°	11.5
72.5°	10.1
75°	8.6
77.5°	7.2
80°	4.3
82.5°	2.9
85°	2.9
87.5°	1.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)