

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: P1287442

Luminaire Tested: P3AS17R259030D2WDE010 E3DL1H

Issue Date: 1/30/2026

**Test Information**

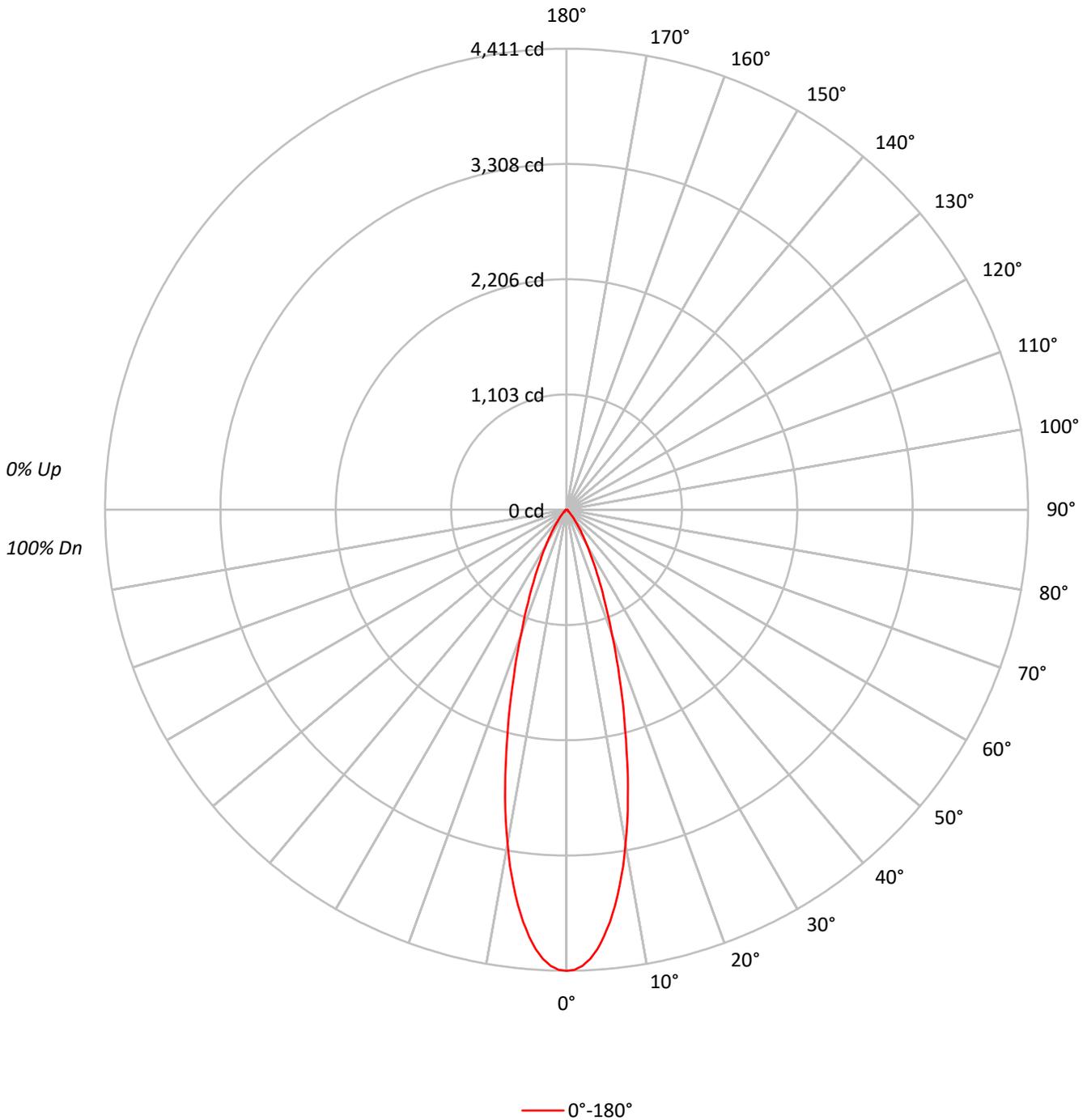
Test Method: LM-79-2019  
Report Number: P1287442  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R259030D2WDE010 E3DL1H  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1508.0 lumens  
Efficiency: N/A  
Efficacy: 55.2 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
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

TEST NUMBER: P1287442  
CATALOG NUMBER: P3AS17R259030D2WDE010 E3DL1H

### 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	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64	64

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

	0°
0°	967335
5°	902507
10°	722966
15°	490741
20°	296942
25°	173647
30°	98901
35°	54395
40°	28883
45°	15195
50°	8836
55°	6614
60°	5701
65°	5967
70°	5514
75°	4914
80°	3662
85°	3522

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15195 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	363.8	24.1
10°-20°	594.3	39.4
20°-30°	339.6	22.5
30°-40°	134.0	8.9
40°-50°	41.1	2.7
50°-60°	16.2	1.1
60°-70°	10.9	0.7
70°-80°	6.1	0.4
80°-90°	1.9	0.1
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°	1297.8	86.1
0°-40°	1431.8	94.9
0°-60°	1489.1	98.7
0°-90°	1508.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1508.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4411	
5°	4100	364
15°	2162	594
25°	718	340
35°	203	134
45°	49	41
55°	17	16
65°	12	11
75°	6	6
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	4411.4
1°	4402.7
2°	4366.7
3°	4303.3
4°	4215.4
5°	4100.1
6°	3964.6
7°	3811.8
8°	3634.6
9°	3453.0
10°	3246.9
11°	3043.7
12°	2820.3
13°	2599.8
14°	2373.6
15°	2161.7
17.5°	1676.1
20°	1272.5
22.5°	955.5
25°	717.7
27.5°	531.8
30°	390.6
32.5°	282.5
35°	203.2
37.5°	144.1
40°	100.9
42.5°	69.2
45°	49.0
47.5°	34.6
50°	25.9
52.5°	20.2
55°	17.3
57.5°	15.9
60°	13.0
62.5°	11.5
65°	11.5
67.5°	10.1
70°	8.6
72.5°	7.2
75°	5.8
77.5°	4.3
80°	2.9
82.5°	2.9
85°	1.4
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)