

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: P1274363

Luminaire Tested: P3AS17R309830DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

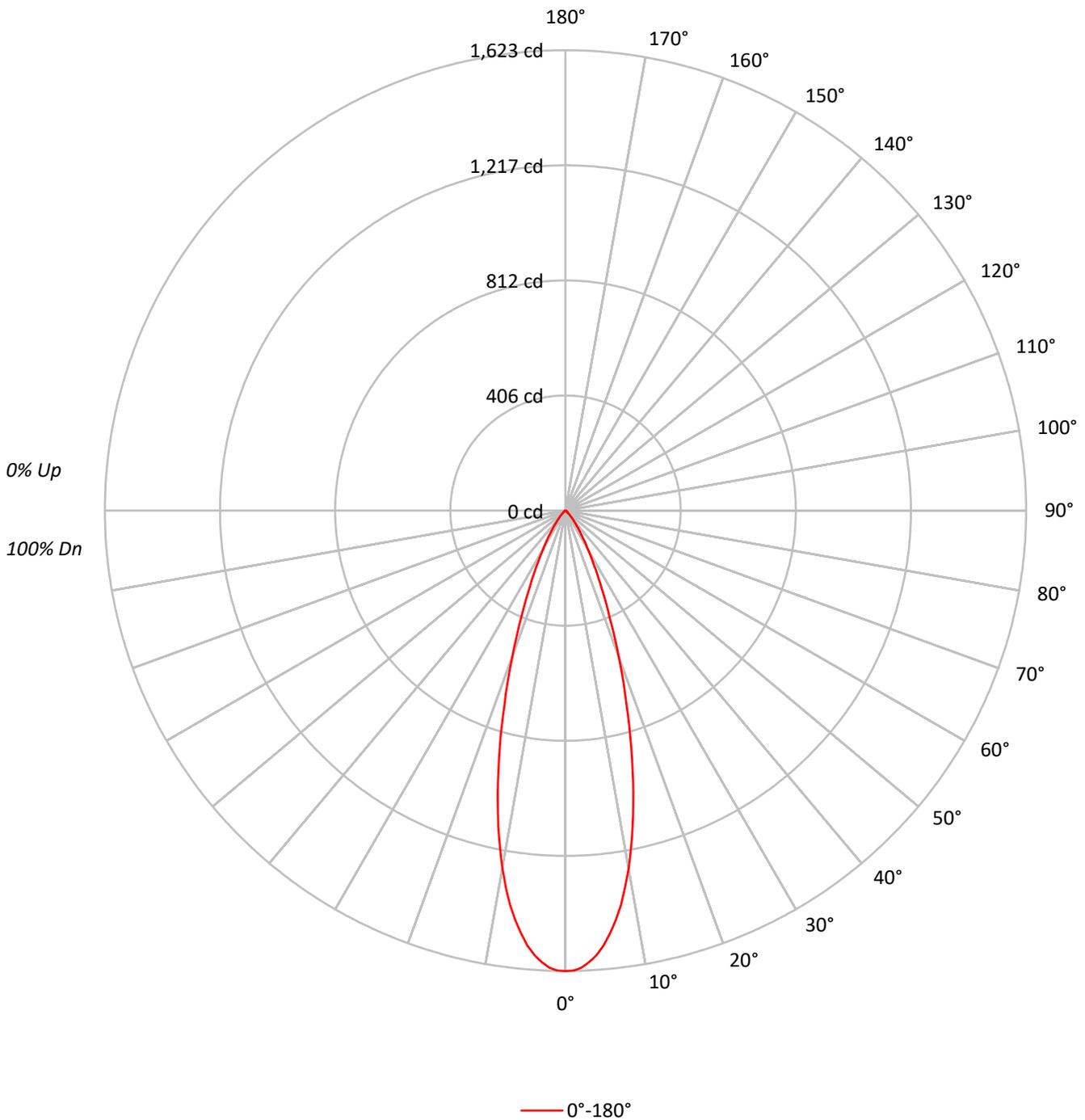
Test Method: LM-79-2019  
Report Number: P1274363  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309830DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 610.0 lumens  
Efficiency: N/A  
Efficacy: 29.9 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.4  
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	86	83	81	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	79	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

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

	0°
0°	355958
5°	338784
10°	284965
15°	205518
20°	127481
25°	72488
30°	40259
35°	21897
40°	11536
45°	6264
50°	3343
55°	2217
60°	2017
65°	2075
70°	1859
75°	1440
80°	1515
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6264 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	138.6	22.7
10°-20°	246.4	40.4
20°-30°	142.4	23.3
30°-40°	54.0	8.9
40°-50°	16.6	2.7
50°-60°	5.6	0.9
60°-70°	3.8	0.6
70°-80°	2.0	0.3
80°-90°	0.7	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°	527.3	86.4
0°-40°	581.4	95.3
0°-60°	603.5	98.9
0°-90°	610.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	610.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1623	
5°	1539	139
15°	905	246
25°	300	142
35°	82	54
45°	20	17
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1623.3
1°	1622.1
2°	1612.3
3°	1593.9
4°	1570.8
5°	1539.1
6°	1498.8
7°	1453.9
8°	1403.7
9°	1343.8
10°	1279.8
11°	1210.7
12°	1137.5
13°	1060.9
14°	983.1
15°	905.3
17.5°	714.0
20°	546.3
22.5°	405.1
25°	299.6
27.5°	217.8
30°	159.0
32.5°	114.7
35°	81.8
37.5°	57.0
40°	40.3
42.5°	28.2
45°	20.2
47.5°	13.8
50°	9.8
52.5°	6.9
55°	5.8
57.5°	5.2
60°	4.6
62.5°	4.0
65°	4.0
67.5°	3.5
70°	2.9
72.5°	2.3
75°	1.7
77.5°	1.7
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)