

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: P1257762

Luminaire Tested: P3AS17R309040DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

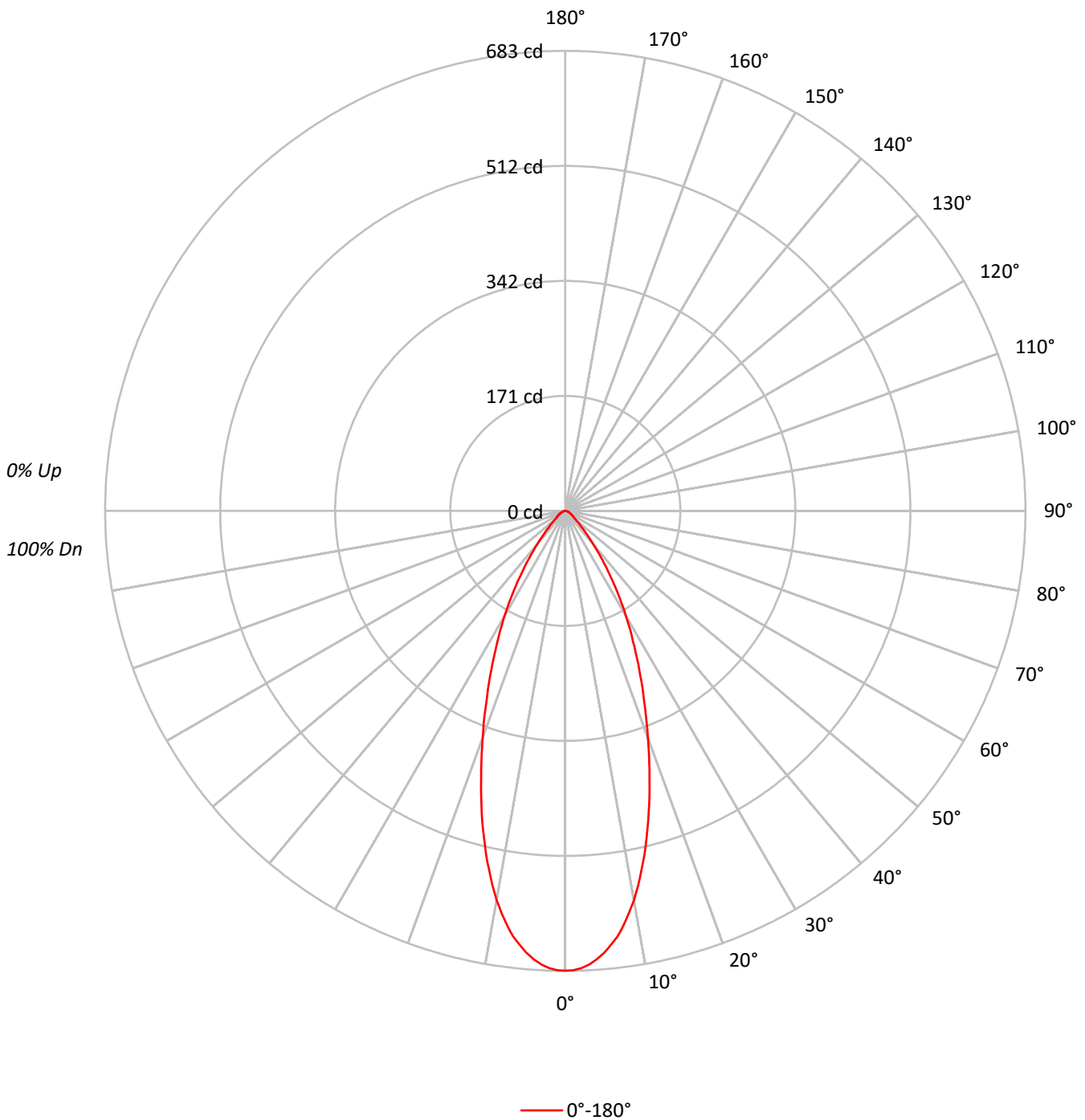
Test Method: LM-79-2019  
Report Number: P1257762  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309040DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 438.0 lumens  
Efficiency: N/A  
Efficacy: 20.7 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): 21.2  
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	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80			
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70			
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61			
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55			
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52			

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

	0°
0°	149681
5°	145014
10°	130659
15°	108082
20°	83681
25°	62762
30°	45577
35°	30356
40°	18664
45°	10947
50°	6720
55°	5467
60°	4780
65°	3891
70°	3462
75°	3474
80°	2526
85°	3522

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10947 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.6	13.8
10°-20°	131.1	29.9
20°-30°	119.3	27.2
30°-40°	72.1	16.5
40°-50°	28.9	6.6
50°-60°	12.8	2.9
60°-70°	7.7	1.8
70°-80°	4.2	1.0
80°-90°	1.2	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°	311.0	71.0
0°-40°	383.1	87.5
0°-60°	424.8	97.0
0°-90°	438.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	438.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	683	
5°	659	61
15°	476	131
25°	259	119
35°	113	72
45°	35	29
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	682.6
1°	681.9
2°	679.2
3°	674.4
4°	667.6
5°	658.8
6°	647.9
7°	636.4
8°	621.4
9°	604.5
10°	586.8
11°	566.4
12°	544.7
13°	523.0
14°	499.2
15°	476.1
17.5°	415.7
20°	358.6
22.5°	305.6
25°	259.4
27.5°	217.3
30°	180.0
32.5°	145.3
35°	113.4
37.5°	86.9
40°	65.2
42.5°	47.5
45°	35.3
47.5°	26.5
50°	19.7
52.5°	15.6
55°	14.3
57.5°	12.2
60°	10.9
62.5°	8.8
65°	7.5
67.5°	6.8
70°	5.4
72.5°	4.8
75°	4.1
77.5°	3.4
80°	2.0
82.5°	1.4
85°	1.4
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)