

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: P1257666

Luminaire Tested: P3AS17R159040DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

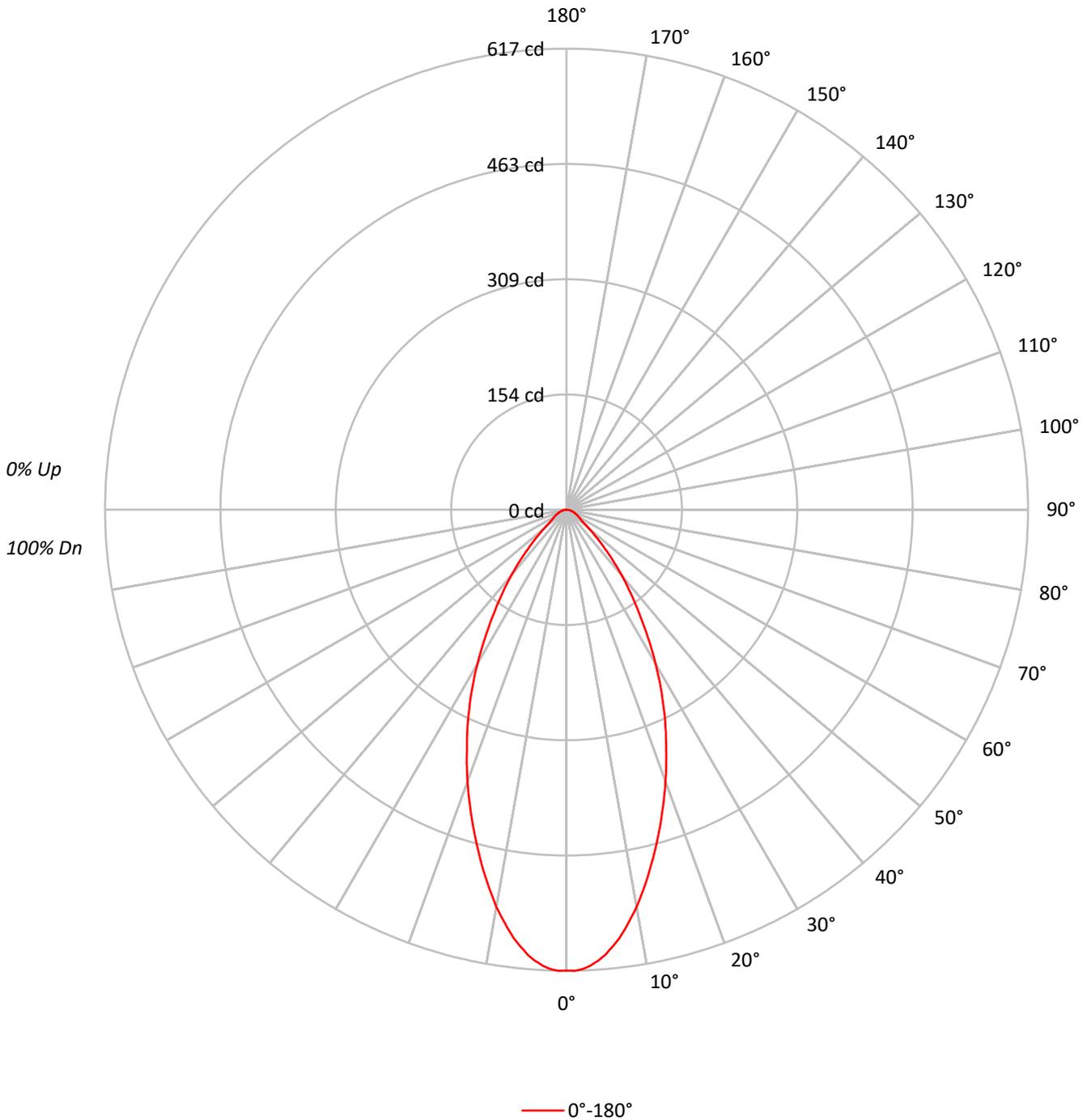
Test Method: LM-79-2019  
Report Number: P1257666  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R159040DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 536.0 lumens  
Efficiency: N/A  
Efficacy: 25.3 lumens/watt  
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82  
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			100
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65			65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56			56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46			46

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

	0°
0°	135208
5°	131521
10°	120194
15°	105290
20°	90308
25°	75416
30°	60338
35°	45267
40°	32862
45°	21491
50°	13441
55°	9099
60°	8026
65°	7420
70°	6988
75°	6354
80°	6061
85°	5032

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 21491 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	55.1	10.3
10°-20°	129.2	24.1
20°-30°	142.4	26.6
30°-40°	106.6	19.9
40°-50°	55.3	10.3
50°-60°	22.9	4.3
60°-70°	14.2	2.6
70°-80°	8.0	1.5
80°-90°	2.3	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°	326.7	61.0
0°-40°	433.4	80.8
0°-60°	511.6	95.4
0°-90°	536.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	536.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	617	
5°	598	55
15°	464	129
25°	312	142
35°	169	107
45°	69	55
55°	24	23
65°	14	14
75°	8	8
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	616.6
1°	617.2
2°	615.2
3°	611.1
4°	605.0
5°	597.5
6°	588.0
7°	577.9
8°	565.6
9°	552.7
10°	539.8
12.5°	502.5
15°	463.8
17.5°	425.1
20°	387.0
22.5°	348.3
25°	311.7
27.5°	275.0
30°	238.3
32.5°	202.4
35°	169.1
37.5°	140.6
40°	114.8
42.5°	91.0
45°	69.3
47.5°	52.3
50°	39.4
52.5°	29.2
55°	23.8
57.5°	21.0
60°	18.3
62.5°	16.3
65°	14.3
67.5°	12.2
70°	10.9
72.5°	8.8
75°	7.5
77.5°	6.1
80°	4.8
82.5°	3.4
85°	2.0
87.5°	0.7
90°	0.0

(END OF REPORT)