

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: P1249545

Luminaire Tested: P3AS17R159027DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

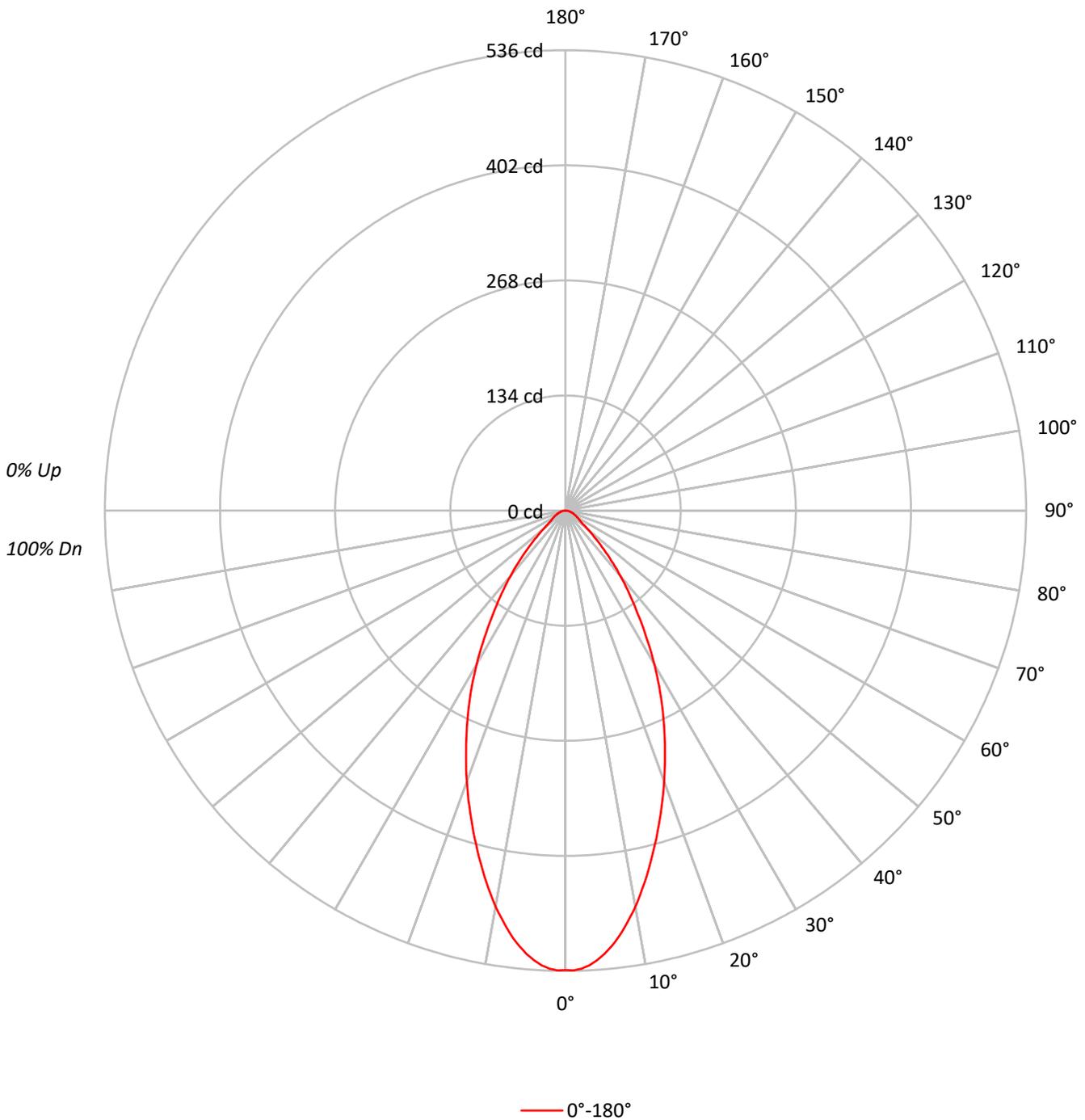
Test Method: LM-79-2019  
Report Number: P1249545  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R159027DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 465.0 lumens  
Efficiency: N/A  
Efficacy: 21.9 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 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	71	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°	117293
5°	114109
10°	104273
15°	91329
20°	78360
25°	65423
30°	52362
35°	39270
40°	28511
45°	18638
50°	11667
55°	7875
60°	6973
65°	6434
70°	6027
75°	5507
80°	5177
85°	4529

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18638 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	47.8	10.3
10°-20°	112.1	24.1
20°-30°	123.5	26.6
30°-40°	92.5	19.9
40°-50°	48.0	10.3
50°-60°	19.9	4.3
60°-70°	12.3	2.6
70°-80°	6.9	1.5
80°-90°	2.0	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°	283.5	61.0
0°-40°	376.0	80.8
0°-60°	443.8	95.4
0°-90°	465.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	465.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	535	
5°	518	48
15°	402	112
25°	270	124
35°	147	92
45°	60	48
55°	21	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	534.9
1°	535.5
2°	533.7
3°	530.2
4°	524.9
5°	518.4
6°	510.1
7°	501.3
8°	490.7
9°	479.5
10°	468.3
12.5°	435.9
15°	402.3
17.5°	368.8
20°	335.8
22.5°	302.2
25°	270.4
27.5°	238.6
30°	206.8
32.5°	175.5
35°	146.7
37.5°	121.9
40°	99.6
42.5°	78.9
45°	60.1
47.5°	45.4
50°	34.2
52.5°	25.3
55°	20.6
57.5°	18.3
60°	15.9
62.5°	14.1
65°	12.4
67.5°	10.6
70°	9.4
72.5°	7.7
75°	6.5
77.5°	5.3
80°	4.1
82.5°	2.9
85°	1.8
87.5°	0.6
90°	0.0

(END OF REPORT)