

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: P1254614

Luminaire Tested: P3AS13R209035DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

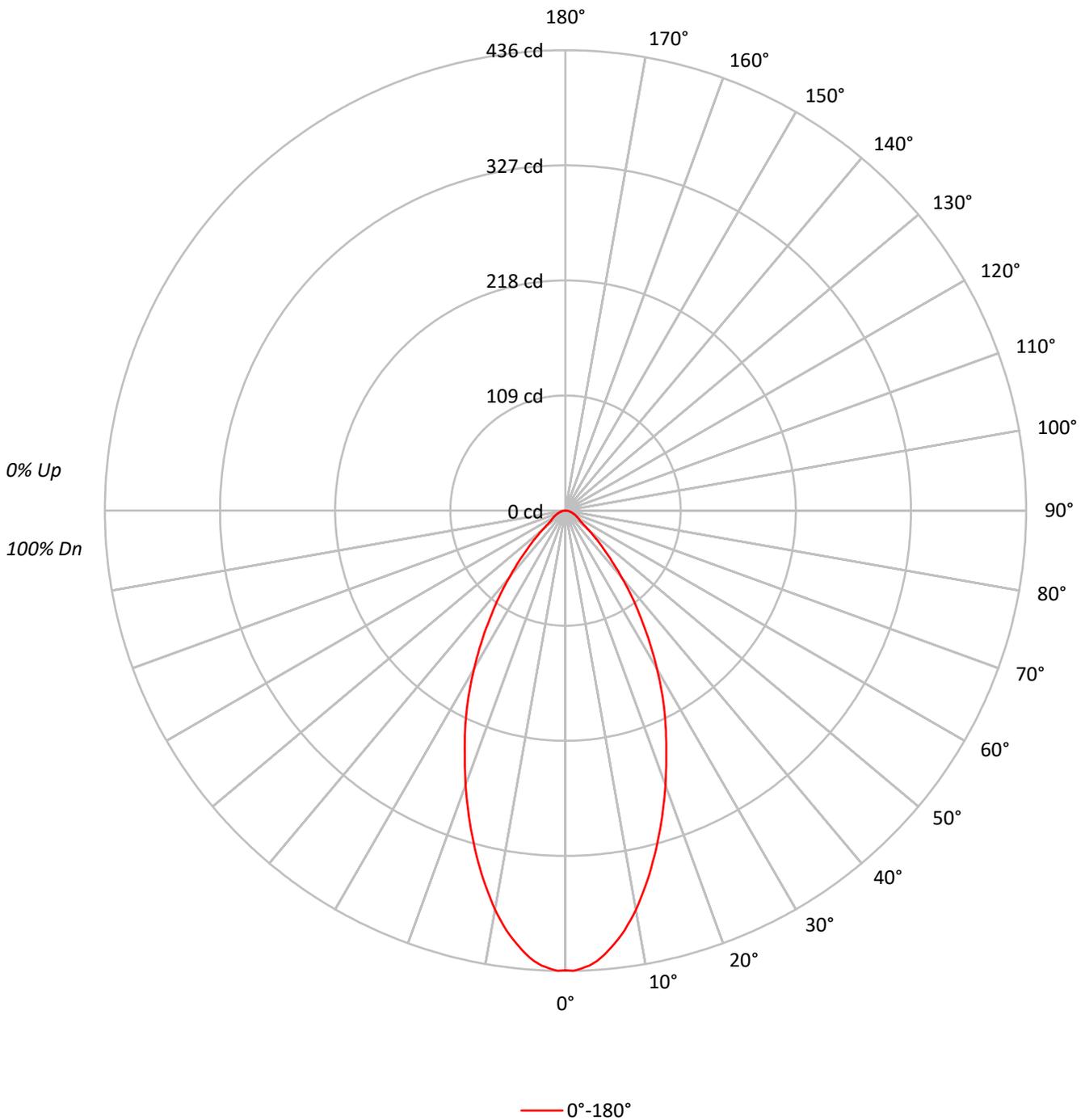
Test Method: LM-79-2019  
Report Number: P1254614  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R209035DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 386.0 lumens  
Efficiency: N/A  
Efficacy: 26.4 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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	94	91	95	92	89	92	89	87	90	87	85	83			83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76			76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65			65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55			55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52			52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48			48
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45			45

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

	0°
0°	95475
5°	92934
10°	85480
15°	75256
20°	64522
25°	54221
30°	43830
35°	33328
40°	23730
45°	15661
50°	9688
55°	6384
60°	5789
65°	5344
70°	5001
75°	4575
80°	4293
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15661 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	39.1	10.1
10°-20°	92.3	23.9
20°-30°	102.4	26.5
30°-40°	78.1	20.2
40°-50°	40.0	10.4
50°-60°	16.4	4.3
60°-70°	10.2	2.7
70°-80°	5.7	1.5
80°-90°	1.7	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°	233.8	60.6
0°-40°	311.9	80.8
0°-60°	368.3	95.4
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	435	
5°	422	39
15°	332	92
25°	224	102
35°	124	78
45°	50	40
55°	17	16
65°	10	10
75°	5	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	435.4
1°	435.9
2°	433.9
3°	431.5
4°	427.6
5°	422.2
6°	415.8
7°	408.9
8°	401.6
9°	392.8
10°	383.9
12.5°	358.4
15°	331.5
17.5°	304.0
20°	276.5
22.5°	249.1
25°	224.1
27.5°	199.1
30°	173.1
32.5°	148.6
35°	124.5
37.5°	103.5
40°	82.9
42.5°	65.2
45°	50.5
47.5°	38.2
50°	28.4
52.5°	21.1
55°	16.7
57.5°	15.2
60°	13.2
62.5°	11.8
65°	10.3
67.5°	8.8
70°	7.8
72.5°	6.4
75°	5.4
77.5°	4.4
80°	3.4
82.5°	2.5
85°	1.5
87.5°	0.5
90°	0.0

(END OF REPORT)