

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: P1254990

Luminaire Tested: P3AS17R209035DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

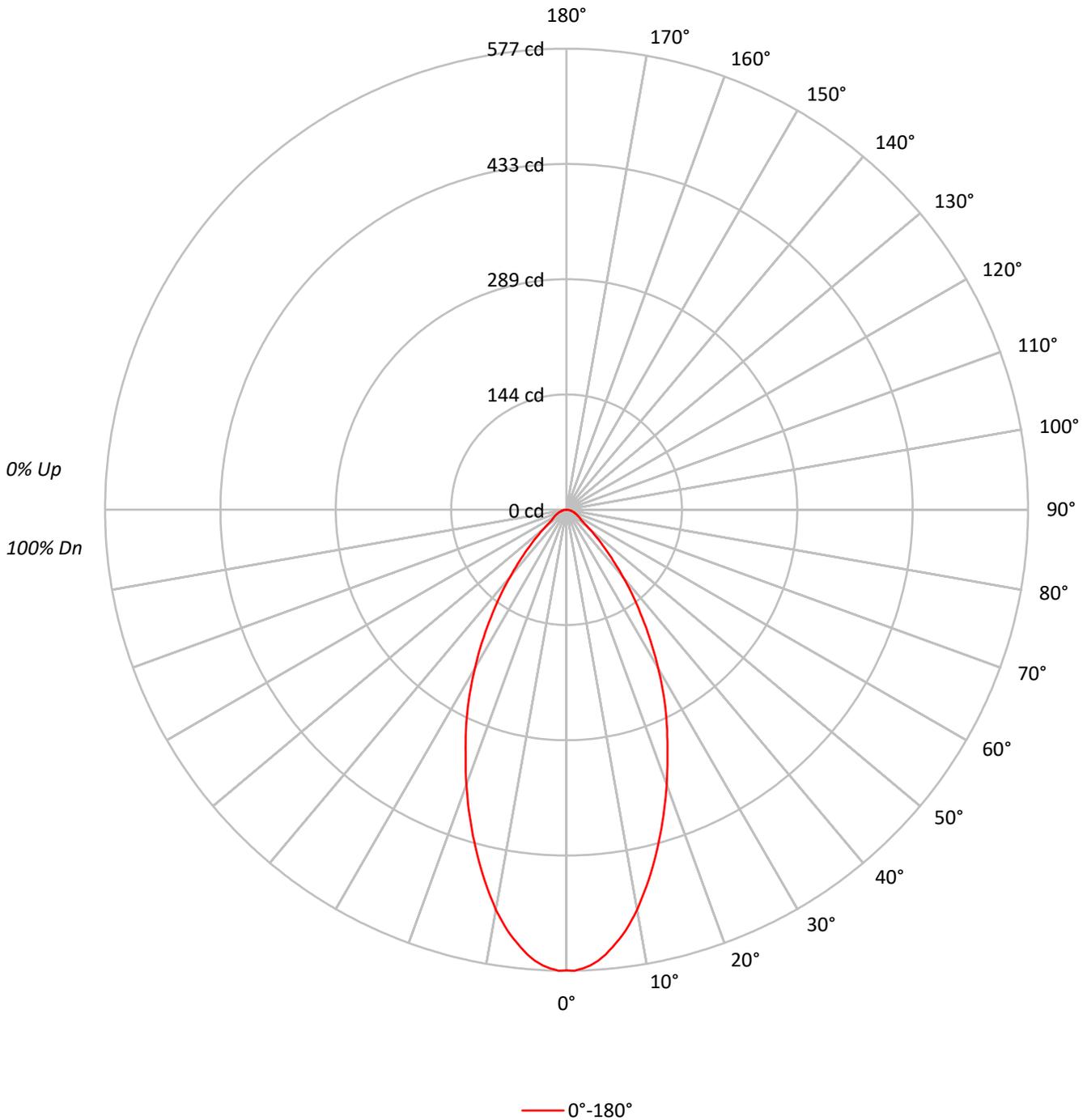
Test Method: LM-79-2019  
Report Number: P1254990  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R209035DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 510.9 lumens  
Efficiency: N/A  
Efficacy: 24.1 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): 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				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°	126393
5°	123024
10°	113180
15°	99615
20°	85431
25°	71762
30°	58009
35°	44142
40°	31402
45°	20746
50°	12827
55°	8449
60°	7675
65°	7057
70°	6668
75°	6015
80°	5683
85°	4780

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 20746 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	51.7	10.1
10°-20°	122.2	23.9
20°-30°	135.6	26.5
30°-40°	103.4	20.2
40°-50°	53.0	10.4
50°-60°	21.7	4.3
60°-70°	13.6	2.7
70°-80°	7.6	1.5
80°-90°	2.2	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°	309.4	60.6
0°-40°	412.9	80.8
0°-60°	487.6	95.4
0°-90°	510.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	510.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	576	
5°	559	52
15°	439	122
25°	297	136
35°	165	103
45°	67	53
55°	22	22
65°	14	14
75°	7	8
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	576.4
1°	577.1
2°	574.5
3°	571.2
4°	566.0
5°	558.9
6°	550.4
7°	541.4
8°	531.6
9°	519.9
10°	508.3
12.5°	474.5
15°	438.8
17.5°	402.5
20°	366.1
22.5°	329.7
25°	296.6
27.5°	263.5
30°	229.1
32.5°	196.7
35°	164.9
37.5°	137.0
40°	109.7
42.5°	86.3
45°	66.9
47.5°	50.6
50°	37.6
52.5°	27.9
55°	22.1
57.5°	20.1
60°	17.5
62.5°	15.6
65°	13.6
67.5°	11.7
70°	10.4
72.5°	8.4
75°	7.1
77.5°	5.8
80°	4.5
82.5°	3.2
85°	1.9
87.5°	0.6
90°	0.0

(END OF REPORT)