

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: P1255506

Luminaire Tested: P3AS20R509035D010 E3DL1WH

Issue Date: 1/30/2026

**Test Information**

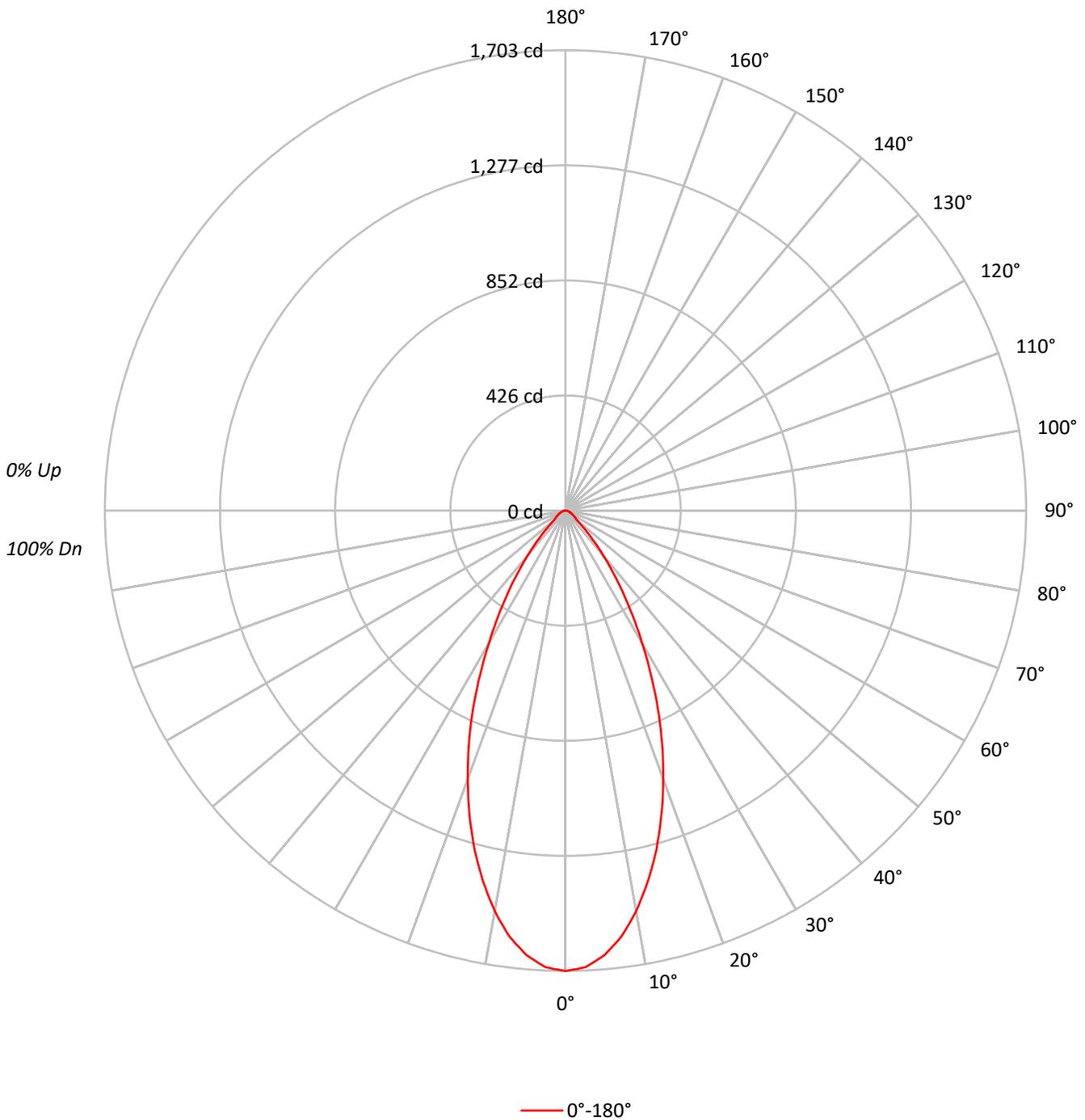
Test Method: LM-79-2019  
Report Number: P1255506  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R509035D010 E3DL1WH  
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1284.1 lumens  
Efficiency: N/A  
Efficacy: 44.6 lumens/watt  
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73				73
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68				68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64				64
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60				60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56				56
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53				53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50				50

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

	0°
0°	373457
5°	363393
10°	335086
15°	294690
20°	246561
25°	195519
30°	143440
35°	98618
40°	62689
45°	35042
50°	18967
55°	15942
60°	13727
65°	12608
70°	11156
75°	10336
80°	8840
85°	8806

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 35042 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	152.9	11.9
10°-20°	359.5	28.0
20°-30°	367.7	28.6
30°-40°	233.2	18.2
40°-50°	92.8	7.2
50°-60°	37.6	2.9
60°-70°	24.1	1.9
70°-80°	12.4	1.0
80°-90°	3.8	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°	880.2	68.5
0°-40°	1113.4	86.7
0°-60°	1243.8	96.9
0°-90°	1284.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1284.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1703	
5°	1651	153
15°	1298	360
25°	808	368
35°	368	233
45°	113	93
55°	42	38
65°	24	24
75°	12	12
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1703.1
2.5°	1690.9
5°	1650.9
7.5°	1588.4
10°	1504.9
12.5°	1405.9
15°	1298.1
17.5°	1180.0
20°	1056.6
22.5°	933.2
25°	808.1
27.5°	683.0
30°	566.5
32.5°	462.3
35°	368.4
37.5°	288.5
40°	219.0
42.5°	161.6
45°	113.0
47.5°	76.5
50°	55.6
52.5°	46.9
55°	41.7
57.5°	36.5
60°	31.3
62.5°	27.8
65°	24.3
67.5°	20.9
70°	17.4
72.5°	13.9
75°	12.2
77.5°	8.7
80°	7.0
82.5°	5.2
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)