

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: P1274774

Luminaire Tested: P3AS20R409830D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274774
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409830D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

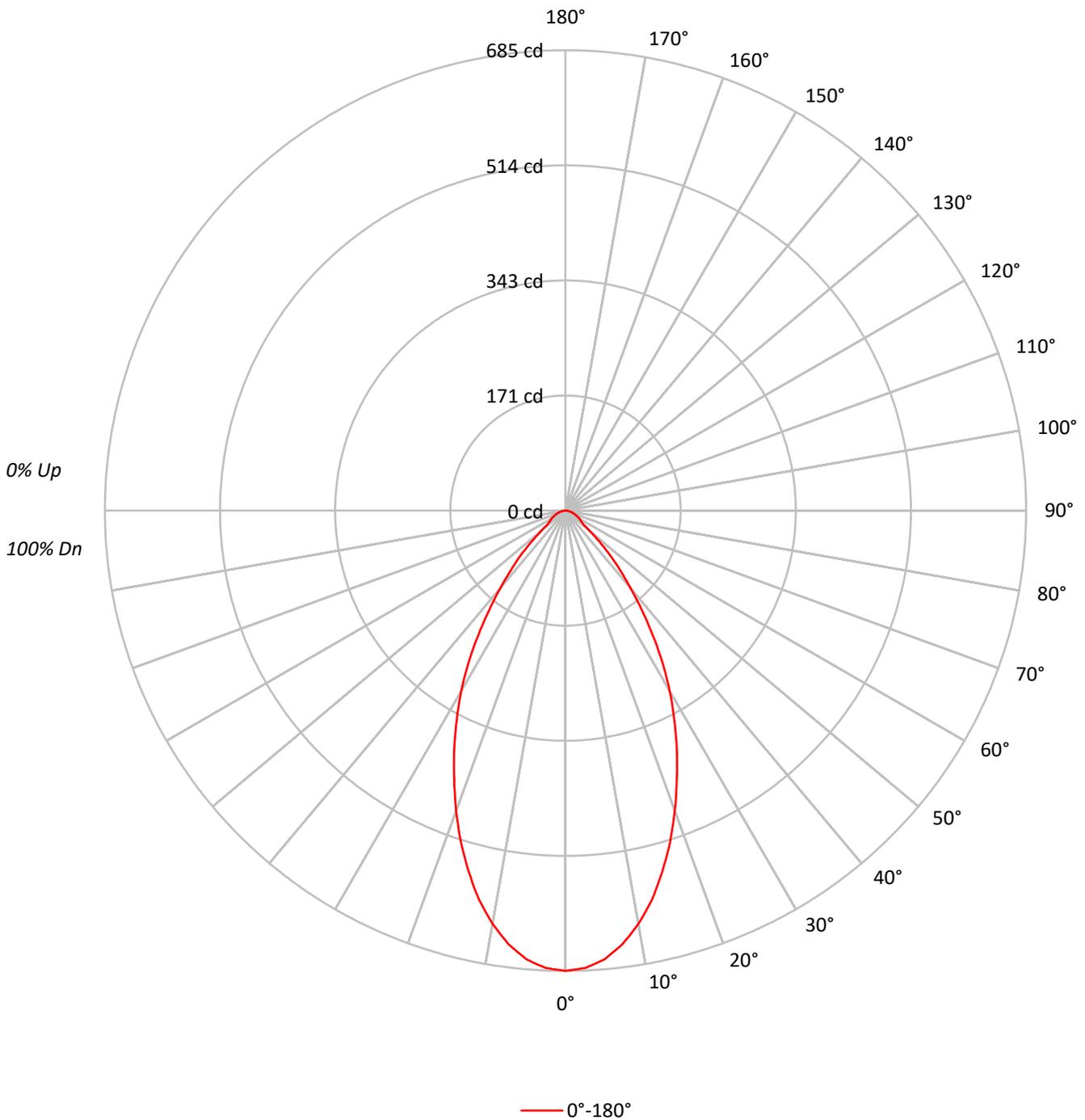
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 669.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	150185
5°	147457
10°	138987
15°	126244
20°	110913
25°	94723
30°	78468
35°	60498
40°	43052
45°	29026
50°	15829
55°	11163
60°	10525
65°	9703
70°	8655
75°	8218
80°	6566
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 29026 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.5	9.3
10°-20°	154.9	23.2
20°-30°	179.1	26.8
30°-40°	141.1	21.1
40°-50°	72.5	10.8
50°-60°	27.7	4.1
60°-70°	18.3	2.7
70°-80°	10.0	1.5
80°-90°	2.9	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°	396.5	59.3
0°-40°	537.6	80.4
0°-60°	637.8	95.3
0°-90°	669.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	669.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	685	
5°	670	62
15°	556	155
25°	392	179
35°	226	141
45°	94	72
55°	29	28
65°	19	18
75°	10	10
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	684.9
2.5°	681.1
5°	669.9
7.5°	650.4
10°	624.2
12.5°	593.5
15°	556.1
17.5°	517.2
20°	475.3
22.5°	432.6
25°	391.5
27.5°	350.3
30°	309.9
32.5°	268.7
35°	226.0
37.5°	186.4
40°	150.4
42.5°	119.8
45°	93.6
47.5°	68.1
50°	46.4
52.5°	33.7
55°	29.2
57.5°	26.2
60°	24.0
62.5°	21.0
65°	18.7
67.5°	15.7
70°	13.5
72.5°	11.2
75°	9.7
77.5°	7.5
80°	5.2
82.5°	4.5
85°	2.2
87.5°	1.5
90°	0.0

(END OF REPORT)