

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: P1252753

Luminaire Tested: P3AS20R409030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252753
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

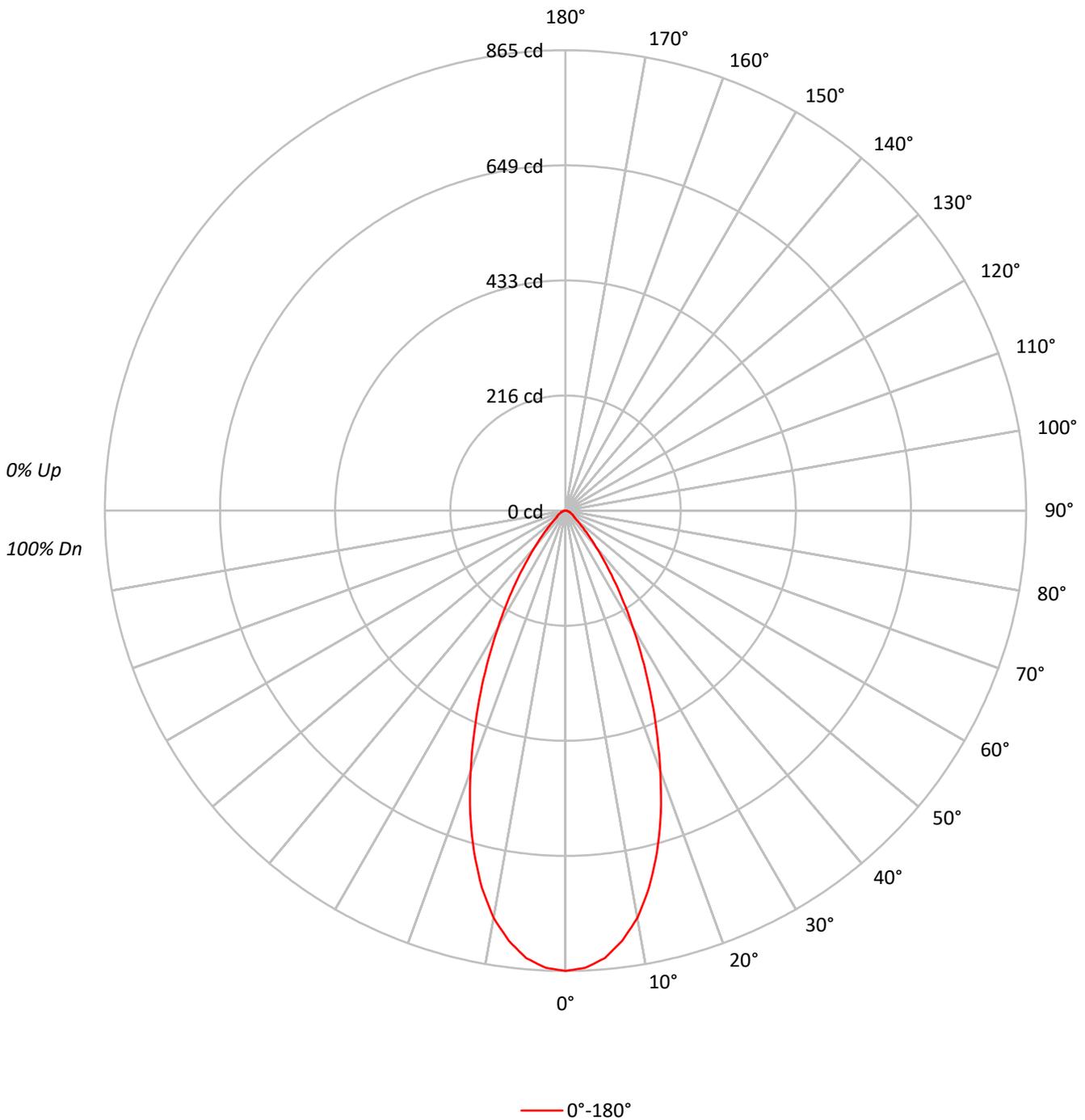
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 609.0 lumens
Efficiency: N/A
Efficacy: 21.1 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
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	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	88	88	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	81	81	81	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	76	76	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	62	62	62	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	59	59	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	56	56	56	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	53	53	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	189634
5°	185780
10°	172987
15°	150761
20°	121507
25°	91070
30°	64035
35°	41947
40°	25390
45°	15164
50°	9040
55°	7302
60°	6535
65°	5604
70°	5321
75°	4236
80°	4167
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15164 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.4	12.9
10°-20°	182.9	30.0
20°-30°	172.4	28.3
30°-40°	99.7	16.4
40°-50°	39.7	6.5
50°-60°	17.6	2.9
60°-70°	10.9	1.8
70°-80°	5.7	0.9
80°-90°	1.8	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°	433.7	71.2
0°-40°	533.4	87.6
0°-60°	590.7	97.0
0°-90°	609.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	609.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	865	
5°	844	78
15°	664	183
25°	376	172
35°	157	100
45°	49	40
55°	19	18
65°	11	11
75°	5	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	864.8
2.5°	859.8
5°	844.0
7.5°	815.0
10°	776.9
12.5°	725.5
15°	664.1
17.5°	595.3
20°	520.7
22.5°	446.1
25°	376.4
27.5°	311.8
30°	252.9
32.5°	201.5
35°	156.7
37.5°	118.6
40°	88.7
42.5°	66.3
45°	48.9
47.5°	35.7
50°	26.5
52.5°	21.6
55°	19.1
57.5°	17.4
60°	14.9
62.5°	12.4
65°	10.8
67.5°	9.1
70°	8.3
72.5°	6.6
75°	5.0
77.5°	4.1
80°	3.3
82.5°	2.5
85°	1.7
87.5°	0.8
90°	0.0

(END OF REPORT)