

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: P1252807

Luminaire Tested: P3AS20R509030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252807
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: P3AS20R509030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

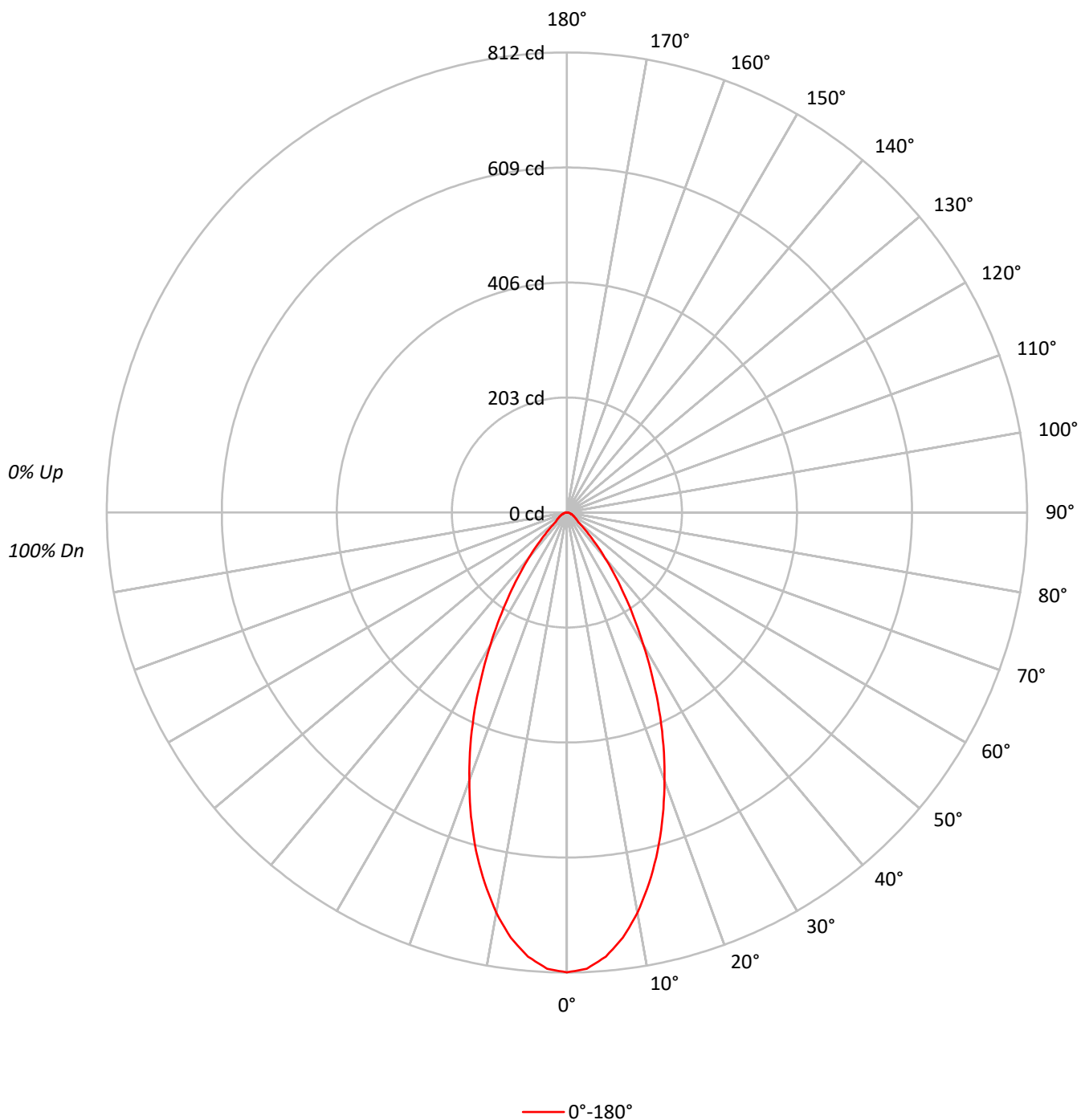
Lumens per Lamp: N/A
Luminaire Lumens: 612.0 lumens
Efficiency: N/A
Efficacy: 21.2 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	177990
5°	173211
10°	159716
15°	140455
20°	117517
25°	93199
30°	68365
35°	47007
40°	29885
45°	16684
50°	9040
55°	7608
60°	6535
65°	6019
70°	5321
75°	4914
80°	4167
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16684 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.9	11.9
10°-20°	171.4	28.0
20°-30°	175.3	28.6
30°-40°	111.1	18.2
40°-50°	44.2	7.2
50°-60°	17.9	2.9
60°-70°	11.5	1.9
70°-80°	5.9	1.0
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°	419.5	68.6
0°-40°	530.7	86.7
0°-60°	592.8	96.9
0°-90°	612.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	612.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	812	
5°	787	73
15°	619	171
25°	385	175
35°	176	111
45°	54	44
55°	20	18
65°	12	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	811.7
2.5°	805.9
5°	786.9
7.5°	757.1
10°	717.3
12.5°	670.1
15°	618.7
17.5°	562.4
20°	503.6
22.5°	444.8
25°	385.2
27.5°	325.5
30°	270.0
32.5°	220.3
35°	175.6
37.5°	137.5
40°	104.4
42.5°	77.0
45°	53.8
47.5°	36.4
50°	26.5
52.5°	22.4
55°	19.9
57.5°	17.4
60°	14.9
62.5°	13.3
65°	11.6
67.5°	9.9
70°	8.3
72.5°	6.6
75°	5.8
77.5°	4.1
80°	3.3
82.5°	2.5
85°	1.7
87.5°	0.8
90°	0.0

(END OF REPORT)