

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: P1252628

Luminaire Tested: P3AS20R209030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252628
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: P3AS20R209030D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

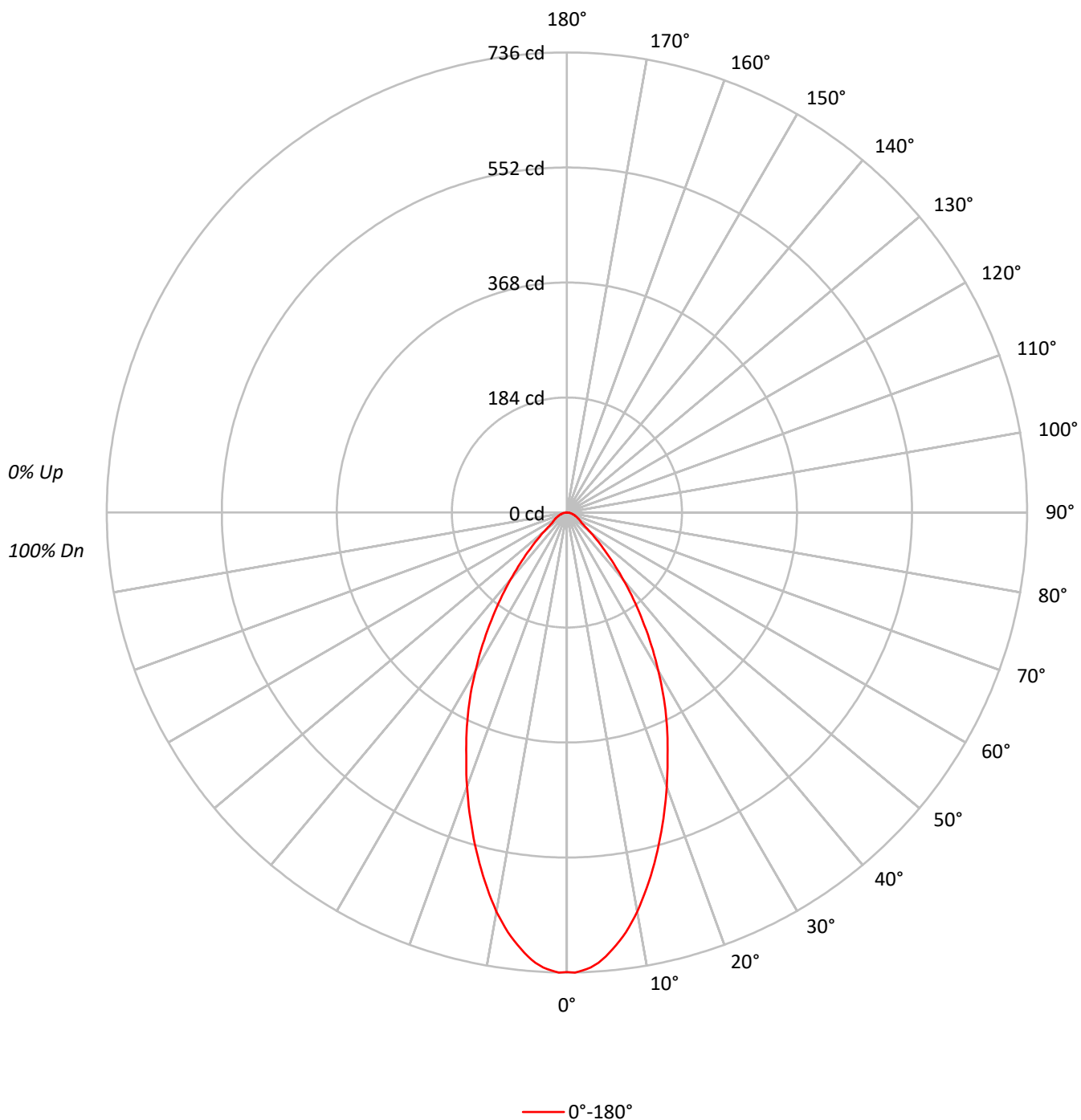
Lumens per Lamp: N/A
Luminaire Lumens: 652.1 lumens
Efficiency: N/A
Efficacy: 22.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	161281
5°	156966
10°	144397
15°	127106
20°	108999
25°	91578
30°	74037
35°	56322
40°	40075
45°	26452
50°	16375
55°	10781
60°	9824
65°	9028
70°	8527
75°	7710
80°	7324
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26452 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.0	10.1
10°-20°	155.9	23.9
20°-30°	173.0	26.5
30°-40°	132.0	20.2
40°-50°	67.6	10.4
50°-60°	27.8	4.3
60°-70°	17.3	2.7
70°-80°	9.7	1.5
80°-90°	2.8	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°	394.8	60.6
0°-40°	526.8	80.8
0°-60°	622.2	95.4
0°-90°	652.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	652.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	736	
5°	713	66
15°	560	156
25°	378	173
35°	210	132
45°	85	68
55°	28	28
65°	17	17
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	735.5
1°	736.3
2°	733.0
3°	728.8
4°	722.2
5°	713.1
6°	702.3
7°	690.7
8°	678.3
9°	663.4
10°	648.5
12.5°	605.4
15°	559.9
17.5°	513.5
20°	467.1
22.5°	420.7
25°	378.5
27.5°	336.3
30°	292.4
32.5°	251.0
35°	210.4
37.5°	174.8
40°	140.0
42.5°	110.2
45°	85.3
47.5°	64.6
50°	48.0
52.5°	35.6
55°	28.2
57.5°	25.7
60°	22.4
62.5°	19.9
65°	17.4
67.5°	14.9
70°	13.3
72.5°	10.8
75°	9.1
77.5°	7.5
80°	5.8
82.5°	4.1
85°	2.5
87.5°	0.8
90°	0.0

(END OF REPORT)