

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: P1274711

Luminaire Tested: P3AS20R309830D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274711
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309830D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

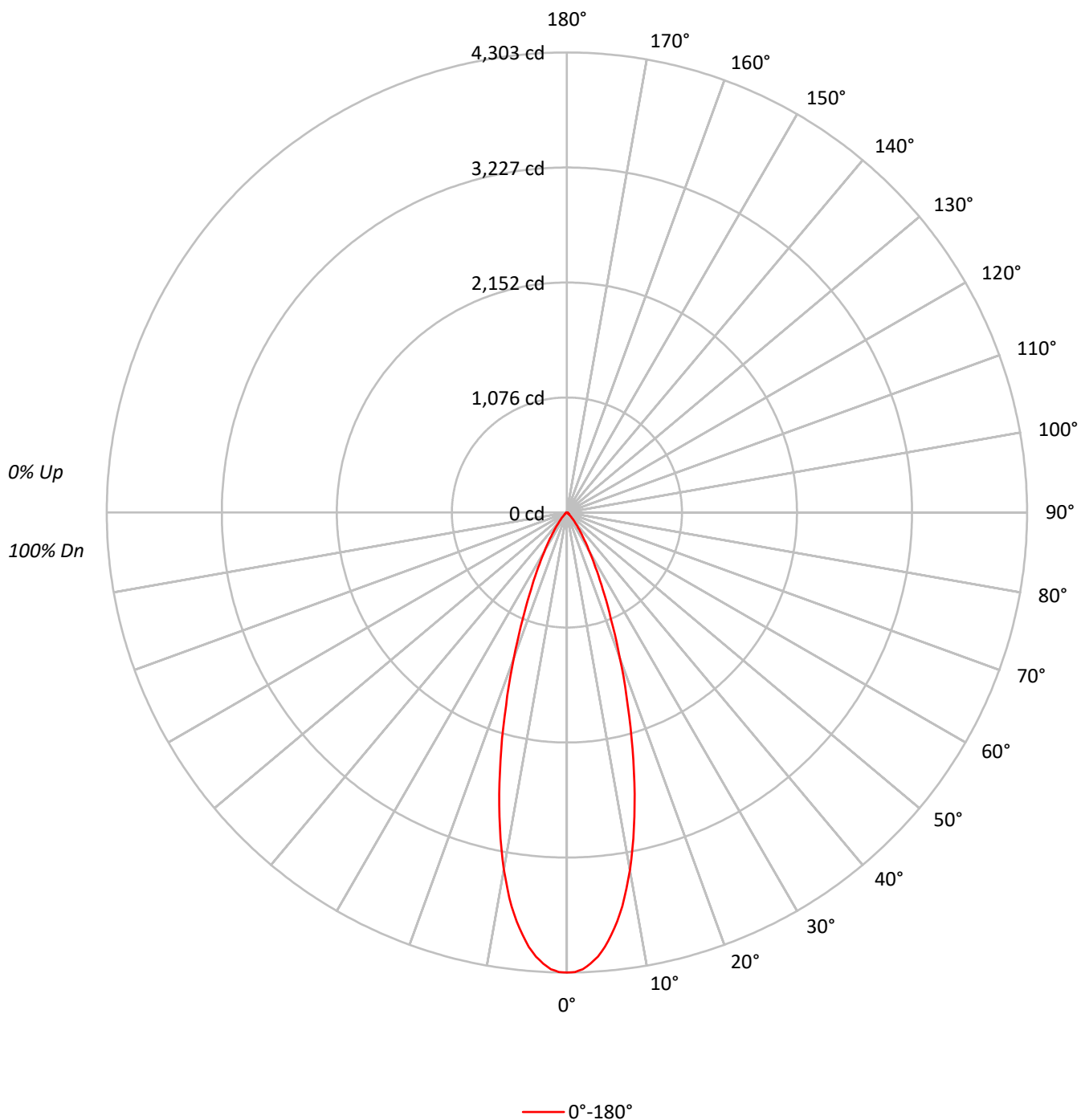
Lumens per Lamp: N/A
Luminaire Lumens: 1617.0 lumens
Efficiency: N/A
Efficacy: 59.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1274711

CATALOG NUMBER: P3AS20R309830D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1274711

CATALOG NUMBER: P3AS20R309830D010 E3DL1MW

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	943565
5°	898083
10°	755408
15°	544770
20°	337919
25°	192180
30°	106751
35°	58062
40°	30600
45°	16591
50°	8870
55°	5849
60°	5350
65°	5552
70°	4873
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16591 cd/sqm

TEST NUMBER: P1274711

CATALOG NUMBER: P3AS20R309830D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	367.4	22.7
10°-20°	653.1	40.4
20°-30°	377.4	23.3
30°-40°	143.2	8.9
40°-50°	44.0	2.7
50°-60°	14.8	0.9
60°-70°	10.0	0.6
70°-80°	5.4	0.3
80°-90°	1.7	0.1
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°	1397.9	86.4
0°-40°	1541.1	95.3
0°-60°	1599.9	98.9
0°-90°	1617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1617.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4303	
5°	4080	367
15°	2400	653
25°	794	377
35°	217	143
45°	54	44
55°	15	15
65°	11	10
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1274711

CATALOG NUMBER: P3AS20R309830D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	4303.0
1°	4300.0
2°	4274.0
3°	4225.1
4°	4164.0
5°	4080.0
6°	3973.1
7°	3853.9
8°	3721.0
9°	3562.2
10°	3392.6
11°	3209.3
12°	3015.3
13°	2812.2
14°	2605.9
15°	2399.7
17.5°	1892.6
20°	1448.1
22.5°	1073.8
25°	794.3
27.5°	577.4
30°	421.6
32.5°	304.0
35°	216.9
37.5°	151.2
40°	106.9
42.5°	74.8
45°	53.5
47.5°	36.7
50°	26.0
52.5°	18.3
55°	15.3
57.5°	13.7
60°	12.2
62.5°	10.7
65°	10.7
67.5°	9.2
70°	7.6
72.5°	6.1
75°	4.6
77.5°	4.6
80°	3.1
82.5°	3.1
85°	1.5
87.5°	0.0



TEST NUMBER: P1274711

CATALOG NUMBER: P3AS20R309830D010 E3DL1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)