

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: P1276781

Luminaire Tested: P3AS20R309835D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276781
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: P3AS20R309835D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

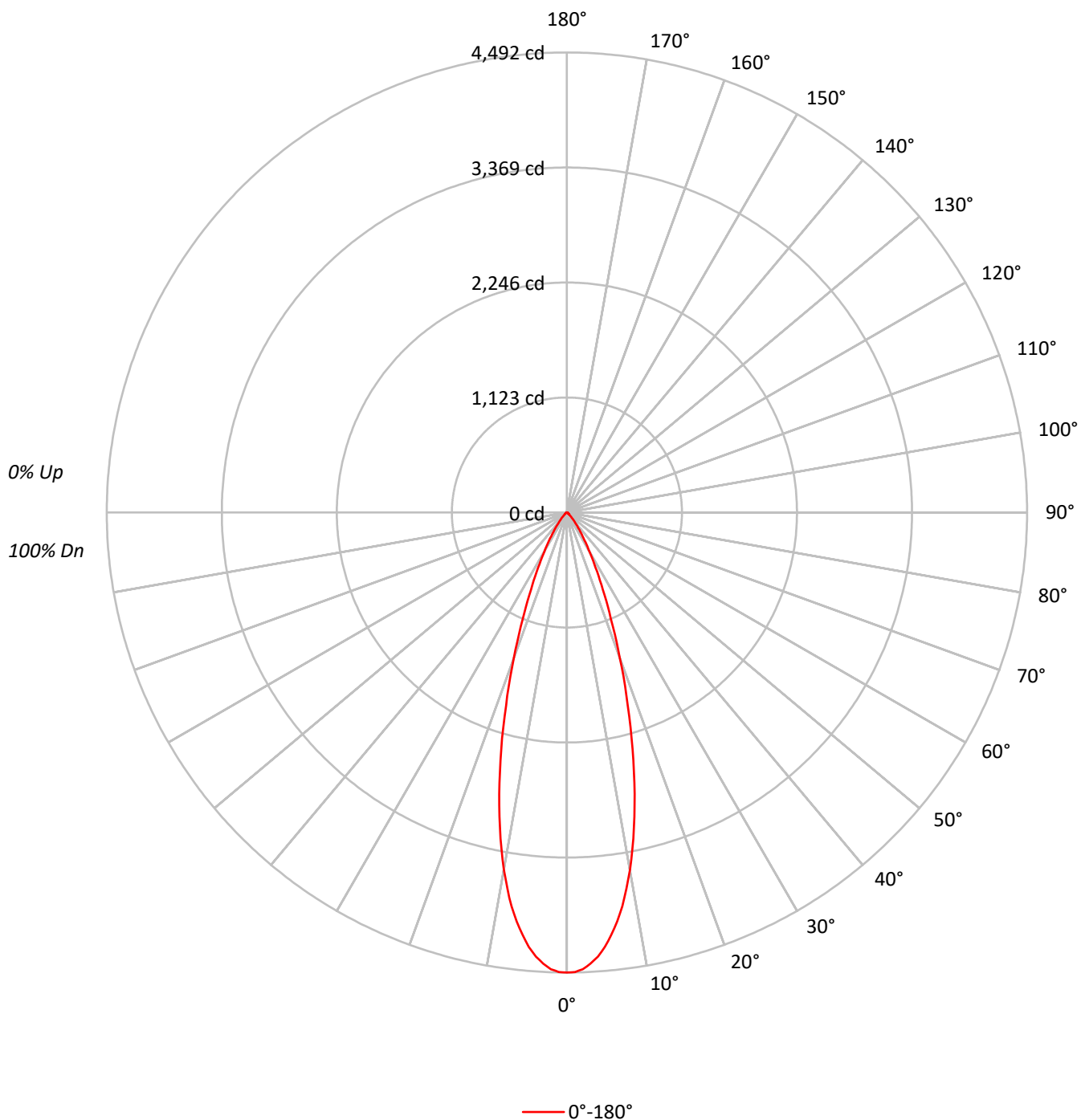
Lumens per Lamp: N/A
Luminaire Lumens: 1688.1 lumens
Efficiency: N/A
Efficacy: 61.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276781

CATALOG NUMBER: P3AS20R309835D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1276781

CATALOG NUMBER: P3AS20R309835D010 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°	985009
5°	937528
10°	788585
15°	568698
20°	352761
25°	200624
30°	111435
35°	60606
40°	31946
45°	17304
50°	9245
55°	6079
60°	5614
65°	5811
70°	5129
75°	4067
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17304 cd/sqm

TEST NUMBER: P1276781

CATALOG NUMBER: P3AS20R309835D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	383.5	22.7
10°-20°	681.7	40.4
20°-30°	394.0	23.3
30°-40°	149.5	8.9
40°-50°	45.9	2.7
50°-60°	15.4	0.9
60°-70°	10.5	0.6
70°-80°	5.7	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°	1459.3	86.4
0°-40°	1608.8	95.3
0°-60°	1670.1	98.9
0°-90°	1688.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1688.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4492	
5°	4259	384
15°	2505	682
25°	829	394
35°	226	150
45°	56	46
55°	16	15
65°	11	10
75°	5	6
85°	2	2
90°	0	

TEST NUMBER: P1276781

CATALOG NUMBER: P3AS20R309835D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	4492.0
1°	4488.8
2°	4461.7
3°	4410.6
4°	4346.9
5°	4259.2
6°	4147.5
7°	4023.2
8°	3884.4
9°	3718.6
10°	3541.6
11°	3350.2
12°	3147.7
13°	2935.6
14°	2720.4
15°	2505.1
17.5°	1975.7
20°	1511.7
22.5°	1121.0
25°	829.2
27.5°	602.8
30°	440.1
32.5°	317.3
35°	226.4
37.5°	157.9
40°	111.6
42.5°	78.1
45°	55.8
47.5°	38.3
50°	27.1
52.5°	19.1
55°	15.9
57.5°	14.4
60°	12.8
62.5°	11.2
65°	11.2
67.5°	9.6
70°	8.0
72.5°	6.4
75°	4.8
77.5°	4.8
80°	3.2
82.5°	3.2
85°	1.6
87.5°	0.0



TEST NUMBER: P1276781

CATALOG NUMBER: P3AS20R309835D010 E3DL1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)