

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: P1276378

Luminaire Tested: P3AS17R209835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276378
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

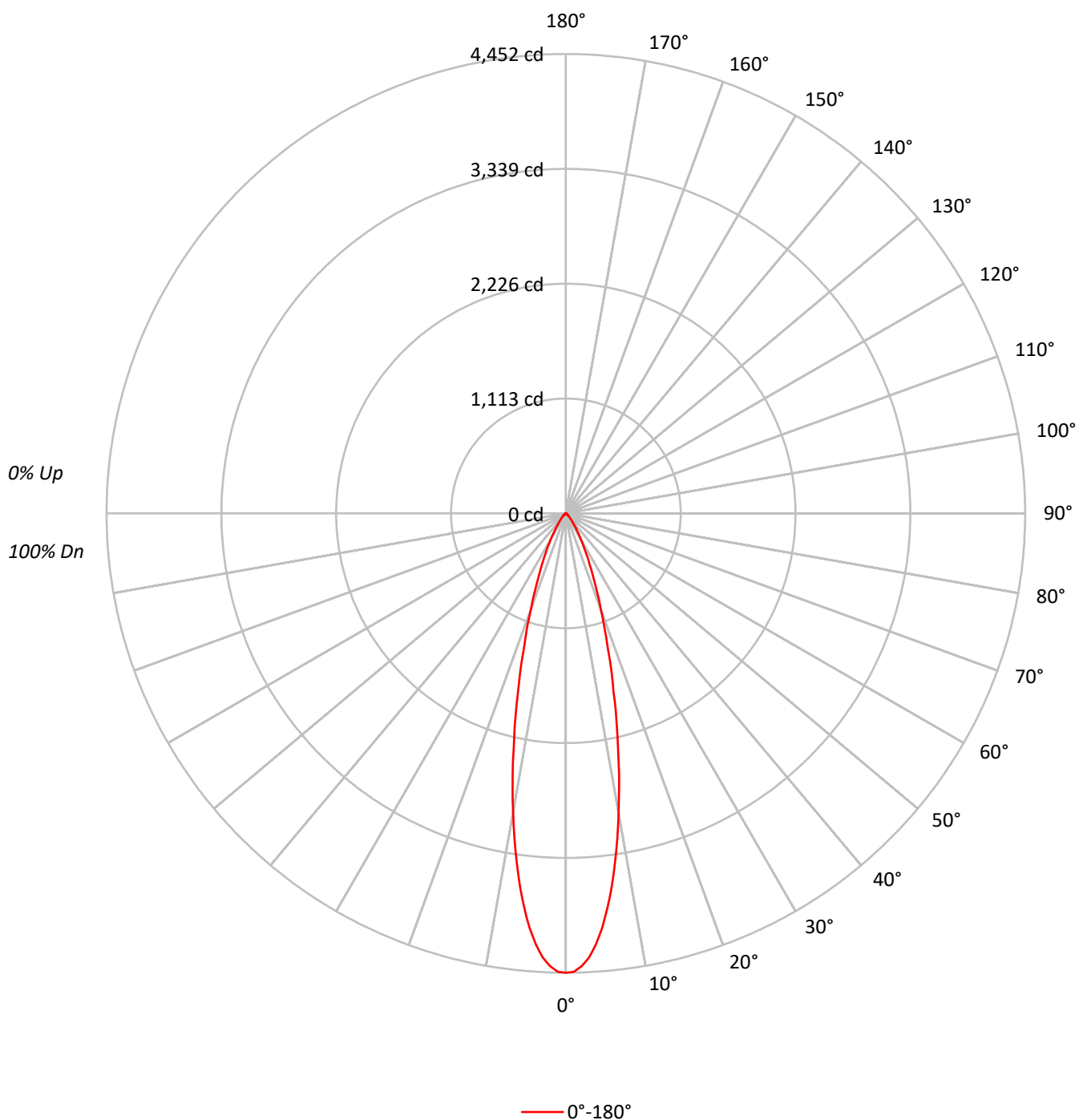
Lumens per Lamp: N/A
Luminaire Lumens: 1269.0 lumens
Efficiency: N/A
Efficacy: 62.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1276378

CATALOG NUMBER: P3AS17R209835DE010 E3DL1MW

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	976347
5°	887517
10°	655944
15°	405769
20°	231720
25°	132298
30°	74189
35°	40368
40°	22099
45°	12156
50°	7096
55°	5161
60°	4824
65°	4462
70°	3911
75°	4151
80°	3157
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12156 cd/sqm

TEST NUMBER: P1276378

CATALOG NUMBER: P3AS17R209835DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	349.2	27.5
10°-20°	498.4	39.3
20°-30°	260.2	20.5
30°-40°	100.6	7.9
40°-50°	32.6	2.6
50°-60°	12.8	1.0
60°-70°	8.5	0.7
70°-80°	5.0	0.4
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°	1107.7	87.3
0°-40°	1208.3	95.2
0°-60°	1253.8	98.8
0°-90°	1269.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1269.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4452	
5°	4032	349
15°	1787	498
25°	547	260
35°	151	101
45°	39	33
55°	14	13
65°	9	8
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4452.5
1°	4443.9
2°	4391.2
3°	4310.3
4°	4185.3
5°	4032.0
6°	3850.6
7°	3649.5
8°	3416.6
9°	3189.8
10°	2945.9
12.5°	2341.5
15°	1787.4
17.5°	1337.5
20°	993.0
22.5°	735.5
25°	546.8
27.5°	403.3
30°	293.0
32.5°	212.1
35°	150.8
37.5°	109.1
40°	77.2
42.5°	55.2
45°	39.2
47.5°	28.2
50°	20.8
52.5°	15.9
55°	13.5
57.5°	12.3
60°	11.0
62.5°	9.8
65°	8.6
67.5°	7.4
70°	6.1
72.5°	6.1
75°	4.9
77.5°	3.7
80°	2.5
82.5°	2.5
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)