

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: P1276711

Luminaire Tested: P3AS20R209835D010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276711
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209835D010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

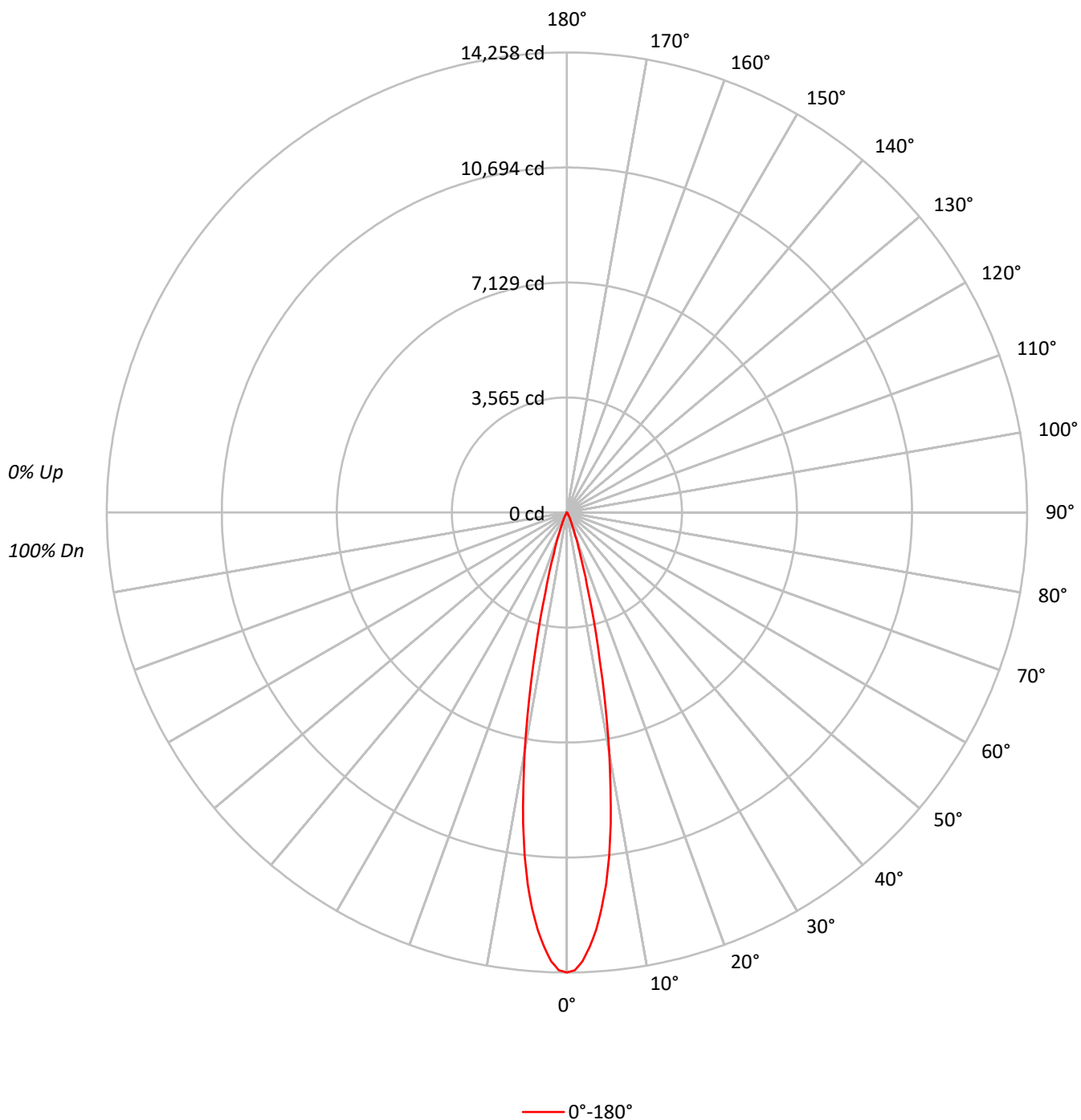
Lumens per Lamp: N/A
Luminaire Lumens: 2013.0 lumens
Efficiency: N/A
Efficacy: 73.5 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276711

CATALOG NUMBER: P3AS20R209835D010 E3CB1MW

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	116	114	112	110	113	112	110	109	108	106	105		104	103	102		101
2	112	109	107	104	110	108	105	103	104	103	101		102	100	99		99
3	109	105	102	100	108	104	101	99	102	99	97		99	98	96		97
4	107	102	99	96	105	101	98	96	99	97	95		97	95	93		96
5	104	99	96	93	103	98	95	93	97	94	92		95	93	91		94
6	102	97	93	91	101	96	93	90	95	92	90		94	91	89		93
7	100	94	91	88	99	94	91	88	93	90	88		92	89	87		91
8	98	92	89	86	97	92	89	86	91	88	86		90	88	86		89
9	96	90	87	85	95	90	87	85	89	86	84		89	86	84		88
10	94	89	85	83	93	88	85	83	88	85	83		87	84	83		86

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3126416
5°	2713618
10°	1676722
15°	582387
20°	178842
25°	63221
30°	23396
35°	9396
40°	5009
45°	1985
50°	1092
55°	1223
60°	1403
65°	830
70°	1026
75°	1356
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1985 cd/sqm

TEST NUMBER: P1276711

CATALOG NUMBER: P3AS20R209835D010 E3CB1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1023.1	50.8
10°-20°	811.8	40.3
20°-30°	140.5	7.0
30°-40°	25.6	1.3
40°-50°	5.9	0.3
50°-60°	2.9	0.1
60°-70°	1.8	0.1
70°-80°	1.5	0.1
80°-90°	0.0	0.0
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°	1975.5	98.1
0°-40°	2001.0	99.4
0°-60°	2009.8	99.8
0°-90°	2013.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2013.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	14258	
5°	12328	###
15°	2565	812
25°	261	141
35°	35	26
45°	6	6
55°	3	3
65°	2	2
75°	2	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	14257.6
1°	14189.1
2°	13918.2
3°	13483.2
4°	12973.3
5°	12328.0
6°	11588.7
7°	10728.3
8°	9748.3
9°	8647.3
10°	7530.3
12.5°	4749.9
15°	2565.4
17.5°	1370.3
20°	766.4
22.5°	438.2
25°	261.3
27.5°	159.3
30°	92.4
32.5°	54.2
35°	35.1
37.5°	23.9
40°	17.5
42.5°	11.2
45°	6.4
47.5°	3.2
50°	3.2
52.5°	3.2
55°	3.2
57.5°	3.2
60°	3.2
62.5°	1.6
65°	1.6
67.5°	1.6
70°	1.6
72.5°	1.6
75°	1.6
77.5°	1.6
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)