

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: P1254988

Luminaire Tested: P3AS17R209035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254988
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: P3AS17R209035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

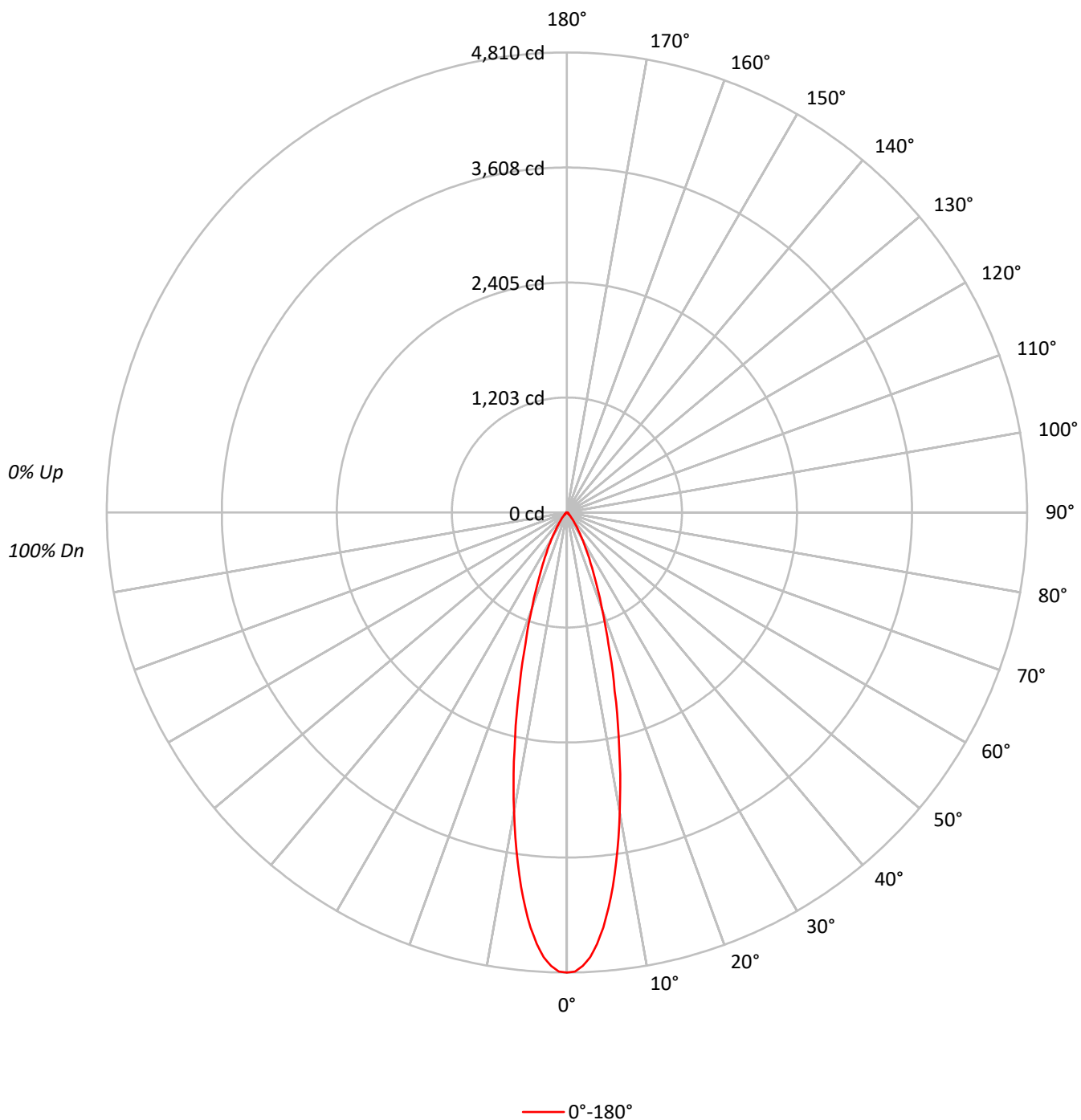
Lumens per Lamp: N/A
Luminaire Lumens: 1370.9 lumens
Efficiency: N/A
Efficacy: 64.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	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°	1054828
5°	958857
10°	708671
15°	438368
20°	250342
25°	142920
30°	80139
35°	43607
40°	23873
45°	13149
50°	7676
55°	5582
60°	5219
65°	4825
70°	4231
75°	4490
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13149 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	377.2	27.5
10°-20°	538.5	39.3
20°-30°	281.1	20.5
30°-40°	108.7	7.9
40°-50°	35.3	2.6
50°-60°	13.9	1.0
60°-70°	9.2	0.7
70°-80°	5.4	0.4
80°-90°	1.8	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°	1196.8	87.3
0°-40°	1305.5	95.2
0°-60°	1354.6	98.8
0°-90°	1370.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1370.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4810	
5°	4356	377
15°	1931	538
25°	591	281
35°	163	109
45°	42	35
55°	15	14
65°	9	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4810.4
1°	4801.1
2°	4744.2
3°	4656.8
4°	4521.7
5°	4356.1
6°	4160.1
7°	3942.9
8°	3691.2
9°	3446.2
10°	3182.7
12.5°	2529.7
15°	1931.0
17.5°	1445.0
20°	1072.8
22.5°	794.7
25°	590.7
27.5°	435.7
30°	316.5
32.5°	229.1
35°	162.9
37.5°	117.9
40°	83.4
42.5°	59.6
45°	42.4
47.5°	30.5
50°	22.5
52.5°	17.2
55°	14.6
57.5°	13.2
60°	11.9
62.5°	10.6
65°	9.3
67.5°	7.9
70°	6.6
72.5°	6.6
75°	5.3
77.5°	4.0
80°	2.6
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)