

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: P1252279

Luminaire Tested: P3AS17R209030DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252279
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: P3AS17R209030DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

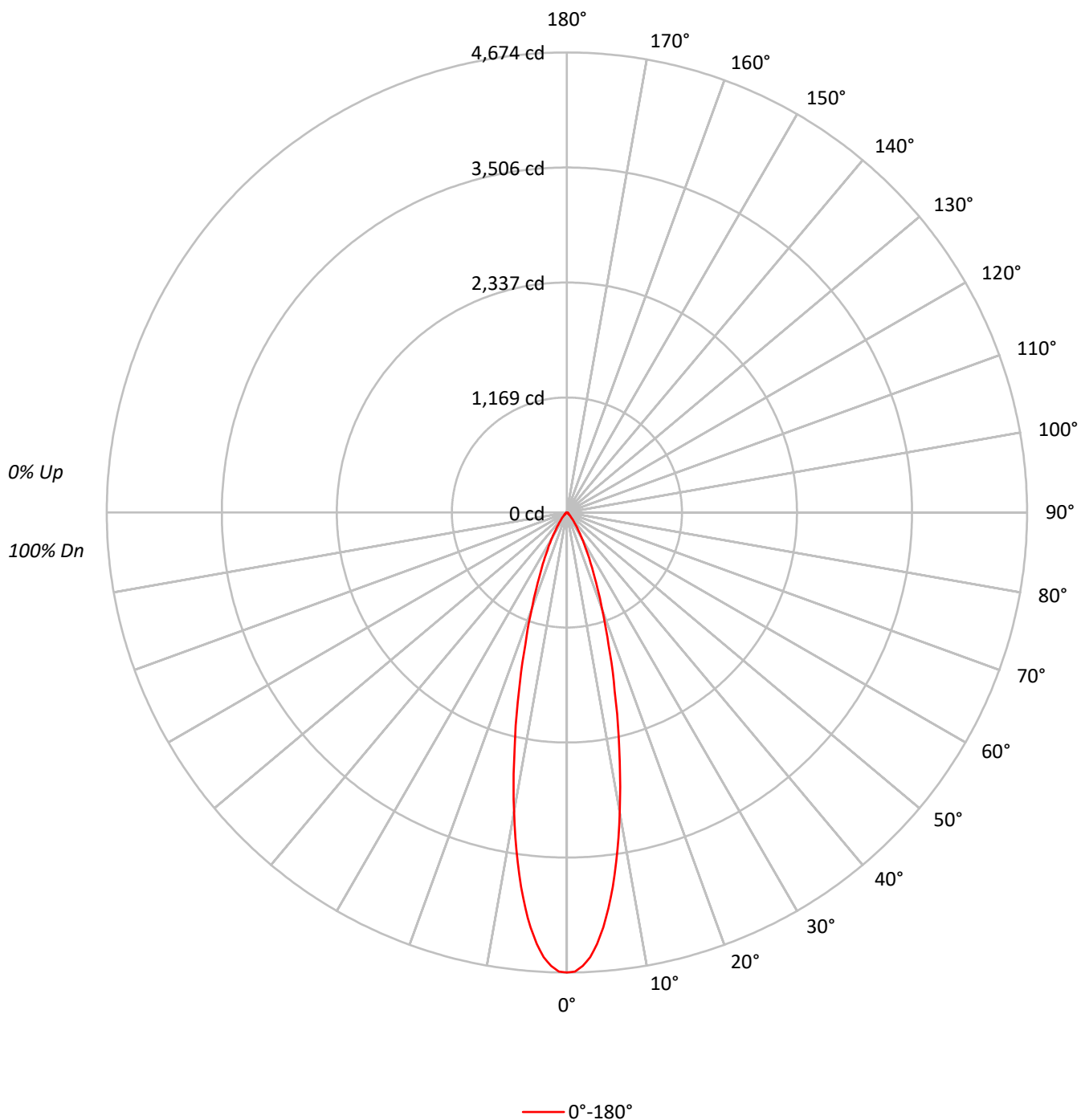
Lumens per Lamp: N/A
Luminaire Lumens: 1332.0 lumens
Efficiency: N/A
Efficacy: 62.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	1024830
5°	931585
10°	688498
15°	425905
20°	243224
25°	138855
30°	77860
35°	42376
40°	23215
45°	12777
50°	7471
55°	5429
60°	5087
65°	4670
70°	4103
75°	4321
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12777 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	366.5	27.5
10°-20°	523.2	39.3
20°-30°	273.1	20.5
30°-40°	105.6	7.9
40°-50°	34.3	2.6
50°-60°	13.5	1.0
60°-70°	8.9	0.7
70°-80°	5.2	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°	1162.7	87.3
0°-40°	1268.3	95.2
0°-60°	1316.1	98.8
0°-90°	1332.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1332.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4674	
5°	4232	366
15°	1876	523
25°	574	273
35°	158	106
45°	41	34
55°	14	14
65°	9	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4673.6
1°	4664.6
2°	4609.2
3°	4524.3
4°	4393.0
5°	4232.2
6°	4041.8
7°	3830.7
8°	3586.2
9°	3348.2
10°	3092.1
12.5°	2457.7
15°	1876.1
17.5°	1403.9
20°	1042.3
22.5°	772.1
25°	573.9
27.5°	423.3
30°	307.5
32.5°	222.6
35°	158.3
37.5°	114.5
40°	81.1
42.5°	57.9
45°	41.2
47.5°	29.6
50°	21.9
52.5°	16.7
55°	14.2
57.5°	12.9
60°	11.6
62.5°	10.3
65°	9.0
67.5°	7.7
70°	6.4
72.5°	6.4
75°	5.1
77.5°	3.9
80°	2.6
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)