

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: P1252277

Luminaire Tested: P3AS17R209030DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252277
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209030DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

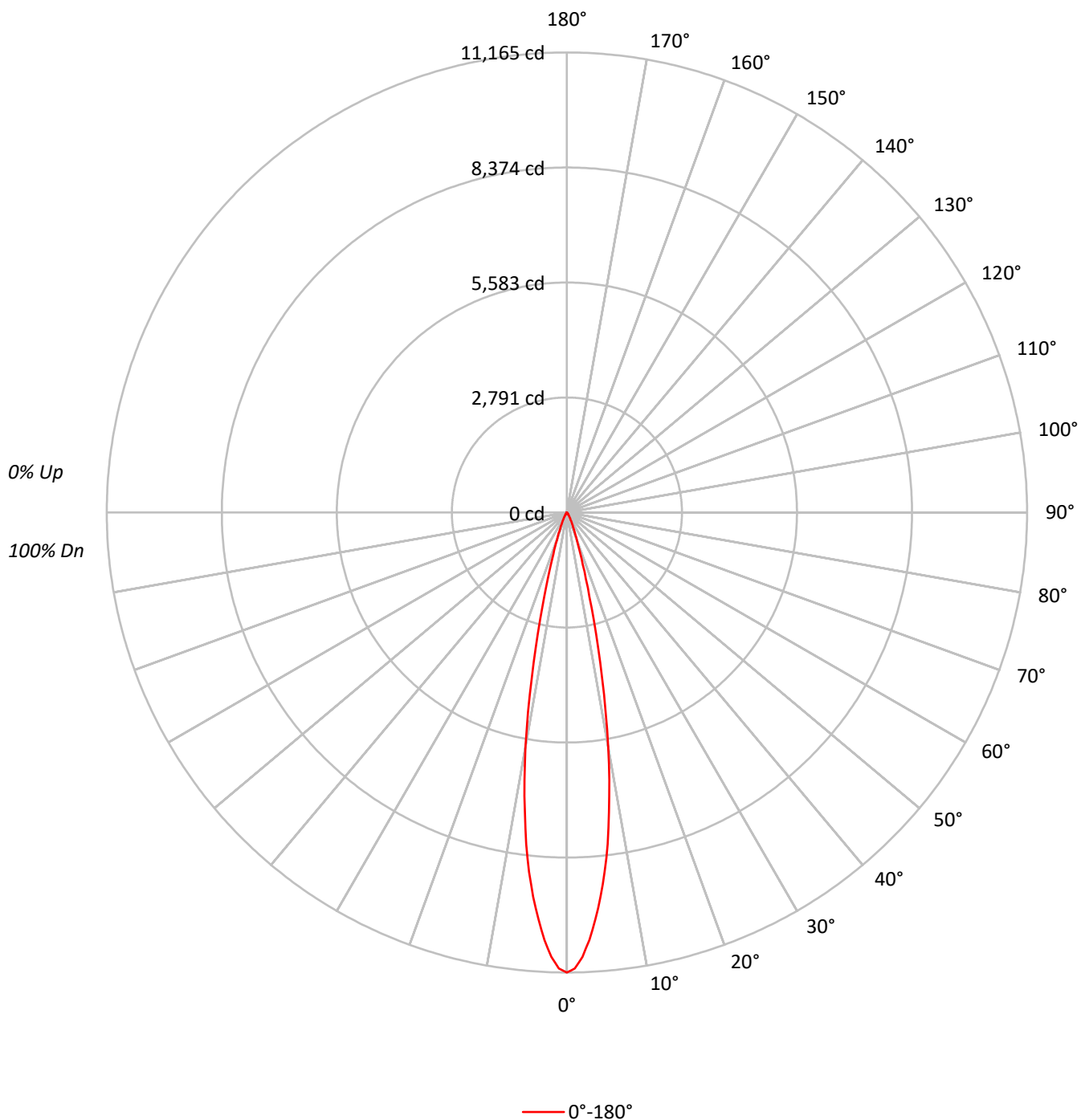
Lumens per Lamp: N/A
Luminaire Lumens: 1614.0 lumens
Efficiency: N/A
Efficacy: 76.1 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	115	114	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	95	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		92
7	99	93	90	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	91	87	85	90	87	85		89	86	84		88
9	95	89	85	83	94	89	85	83	88	85	83		87	84	83		87
10	93	87	84	81	92	87	83	81	86	83	81		86	83	81		85

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2448313
5°	2061364
10°	1287507
15°	481342
20°	165214
25°	68859
30°	32435
35°	14536
40°	6870
45°	3535
50°	1296
55°	229
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3535 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	778.8	48.3
10°-20°	641.5	39.7
20°-30°	145.8	9.0
30°-40°	37.1	2.3
40°-50°	9.3	0.6
50°-60°	1.2	0.1
60°-70°	0.4	0.0
70°-80°	0.0	0.0
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°	1566.0	97.0
0°-40°	1603.1	99.3
0°-60°	1613.6	100.0
0°-90°	1614.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1614.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	11165	
5°	9365	779
15°	2120	641
25°	285	146
35°	54	37
45°	11	9
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	11165.2
1°	11070.5
2°	10791.6
3°	10391.5
4°	9900.6
5°	9364.8
6°	8767.8
7°	8109.0
8°	7340.4
9°	6578.7
10°	5782.3
11°	4934.8
12°	4088.6
13°	3371.7
14°	2686.4
15°	2120.3
16°	1673.5
17°	1320.2
18°	1060.8
19°	862.6
20°	708.0
21°	591.9
22°	494.1
23°	410.8
24°	342.7
25°	284.6
27.5°	186.2
30°	128.1
32.5°	78.9
35°	54.3
37.5°	34.7
40°	24.0
42.5°	16.4
45°	11.4
47.5°	7.6
50°	3.8
52.5°	1.9
55°	0.6
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.0
70°	0.0
72.5°	0.0

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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)