

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: P1247203

Luminaire Tested: P3AS17R209024DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247203
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: P3AS17R209024DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

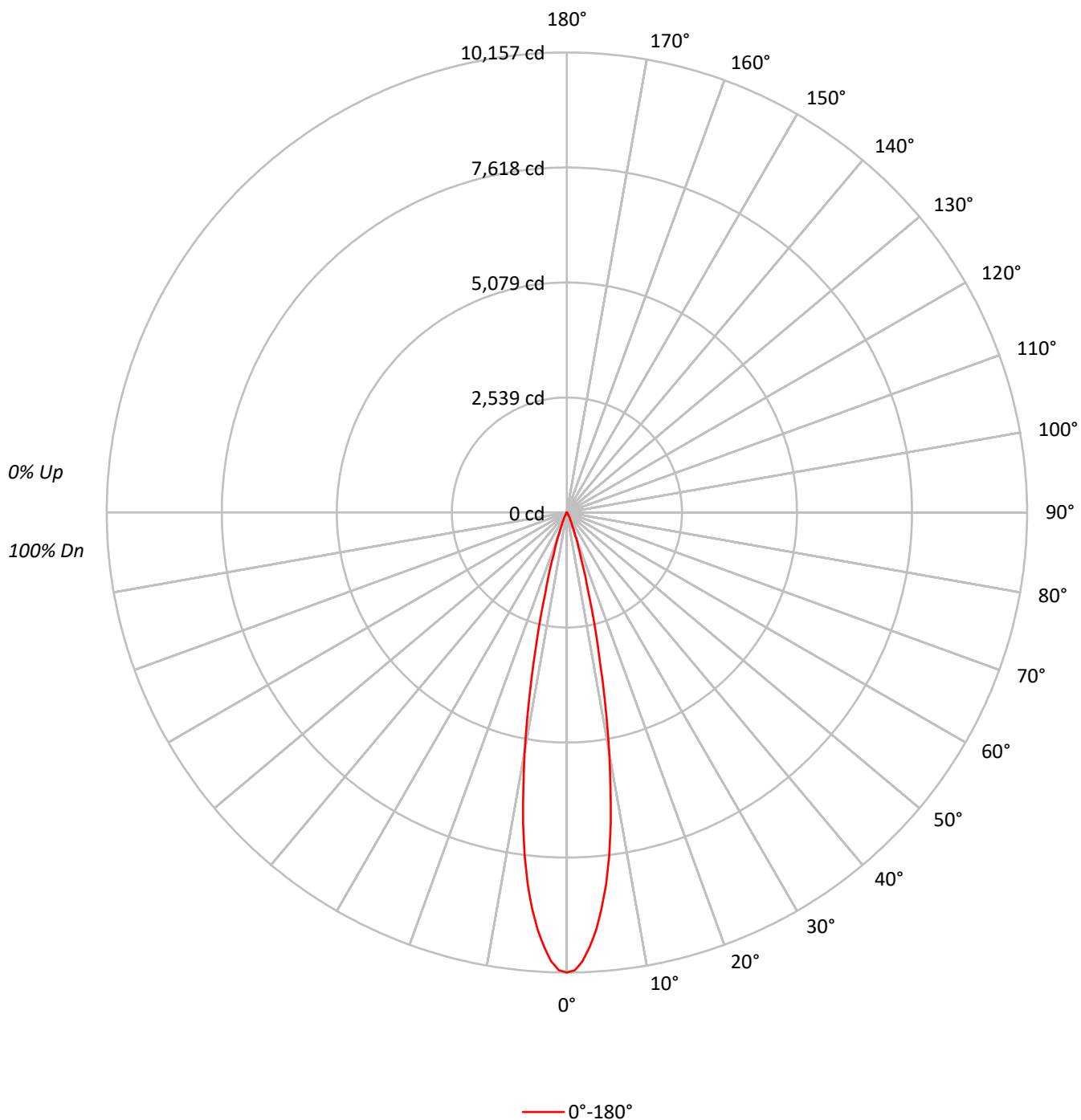
Lumens per Lamp: N/A
Luminaire Lumens: 1434.0 lumens
Efficiency: N/A
Efficacy: 67.6 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1247203

CATALOG NUMBER: P3AS17R209024DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1247203

CATALOG NUMBER: P3AS17R209024DE010 E3CD1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	98		
2	112	109	107	104	110	108	105	103	104	103	101	102	100	99	99	98	97	95		
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	93		
4	107	102	99	96	105	101	98	96	99	97	95	97	95	93	96	94	92	91		
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	90		
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	88		
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	86		
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	85		
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	83		
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	87	84	82	82		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2227168
5°	1933101
10°	1194456
15°	414872
20°	127411
25°	45051
30°	16661
35°	6692
40°	3578
45°	1395
50°	785
55°	879
60°	1009
65°	571
70°	705
75°	932
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1395 cd/sqm

TEST NUMBER: P1247203

CATALOG NUMBER: P3AS17R209024DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	728.9	50.8
10°-20°	578.3	40.3
20°-30°	100.1	7.0
30°-40°	18.2	1.3
40°-50°	4.2	0.3
50°-60°	2.1	0.1
60°-70°	1.2	0.1
70°-80°	1.0	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°	1407.3	98.1
0°-40°	1425.5	99.4
0°-60°	1431.7	99.8
0°-90°	1434.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1434.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10157	
5°	8782	729
15°	1828	578
25°	186	100
35°	25	18
45°	4	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1247203

CATALOG NUMBER: P3AS17R209024DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	10156.7
1°	10107.9
2°	9914.9
3°	9605.0
4°	9241.8
5°	8782.1
6°	8255.4
7°	7642.5
8°	6944.4
9°	6160.1
10°	5364.4
12.5°	3383.7
15°	1827.5
17.5°	976.2
20°	546.0
22.5°	312.1
25°	186.2
27.5°	113.5
30°	65.8
32.5°	38.6
35°	25.0
37.5°	17.0
40°	12.5
42.5°	7.9
45°	4.5
47.5°	2.3
50°	2.3
52.5°	2.3
55°	2.3
57.5°	2.3
60°	2.3
62.5°	1.1
65°	1.1
67.5°	1.1
70°	1.1
72.5°	1.1
75°	1.1
77.5°	1.1
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)