

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: P1262209

Luminaire Tested: P3AS09R209727DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262209
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: P3AS09R209727DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

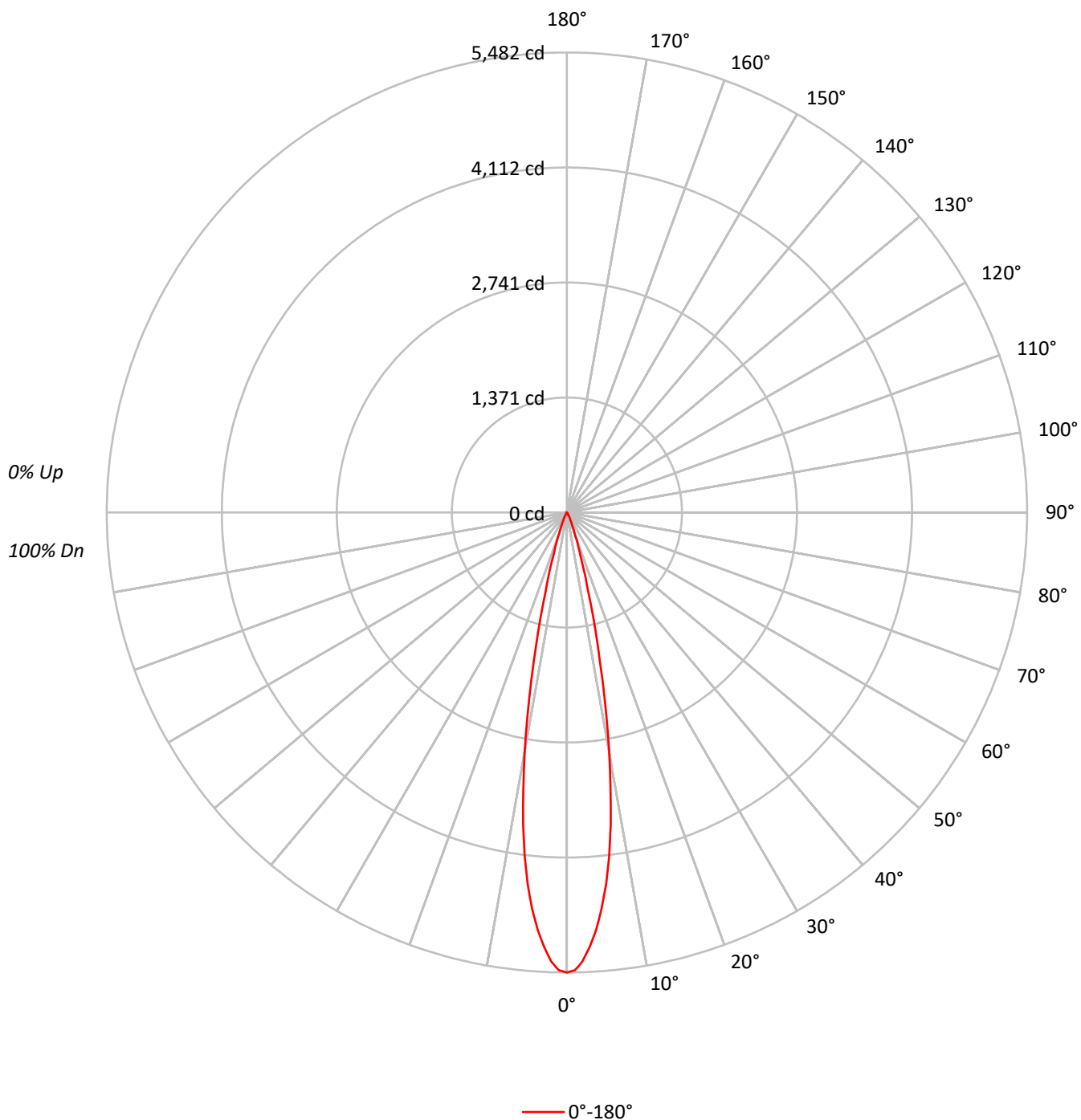
Lumens per Lamp: N/A
Luminaire Lumens: 774.0 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1262209

CATALOG NUMBER: P3AS09R209727DE010 E3D1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1262209

CATALOG NUMBER: P3AS09R209727DE010 E3D1MW

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		87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1202119
5°	1043383
10°	644700
15°	223929
20°	68769
25°	24316
30°	8989
35°	3614
40°	1918
45°	775
50°	409
55°	459
60°	526
65°	311
70°	385
75°	508
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 775 cd/sqm

TEST NUMBER: P1262209

CATALOG NUMBER: P3AS09R209727DE010 E3D1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	393.4	50.8
10°-20°	312.1	40.3
20°-30°	54.1	7.0
30°-40°	9.8	1.3
40°-50°	2.3	0.3
50°-60°	1.1	0.1
60°-70°	0.7	0.1
70°-80°	0.6	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°	759.6	98.1
0°-40°	769.4	99.4
0°-60°	772.7	99.8
0°-90°	774.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	774.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5482	
5°	4740	393
15°	986	312
25°	100	54
35°	14	10
45°	2	2
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1262209

CATALOG NUMBER: P3AS09R209727DE010 E3D1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	5482.1
1°	5455.7
2°	5351.6
3°	5184.3
4°	4988.3
5°	4740.1
6°	4455.9
7°	4125.0
8°	3748.2
9°	3324.9
10°	2895.4
12.5°	1826.3
15°	986.4
17.5°	526.9
20°	294.7
22.5°	168.5
25°	100.5
27.5°	61.3
30°	35.5
32.5°	20.8
35°	13.5
37.5°	9.2
40°	6.7
42.5°	4.3
45°	2.5
47.5°	1.2
50°	1.2
52.5°	1.2
55°	1.2
57.5°	1.2
60°	1.2
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)