

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: P1271574

Luminaire Tested: P3AS09R259827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271574
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

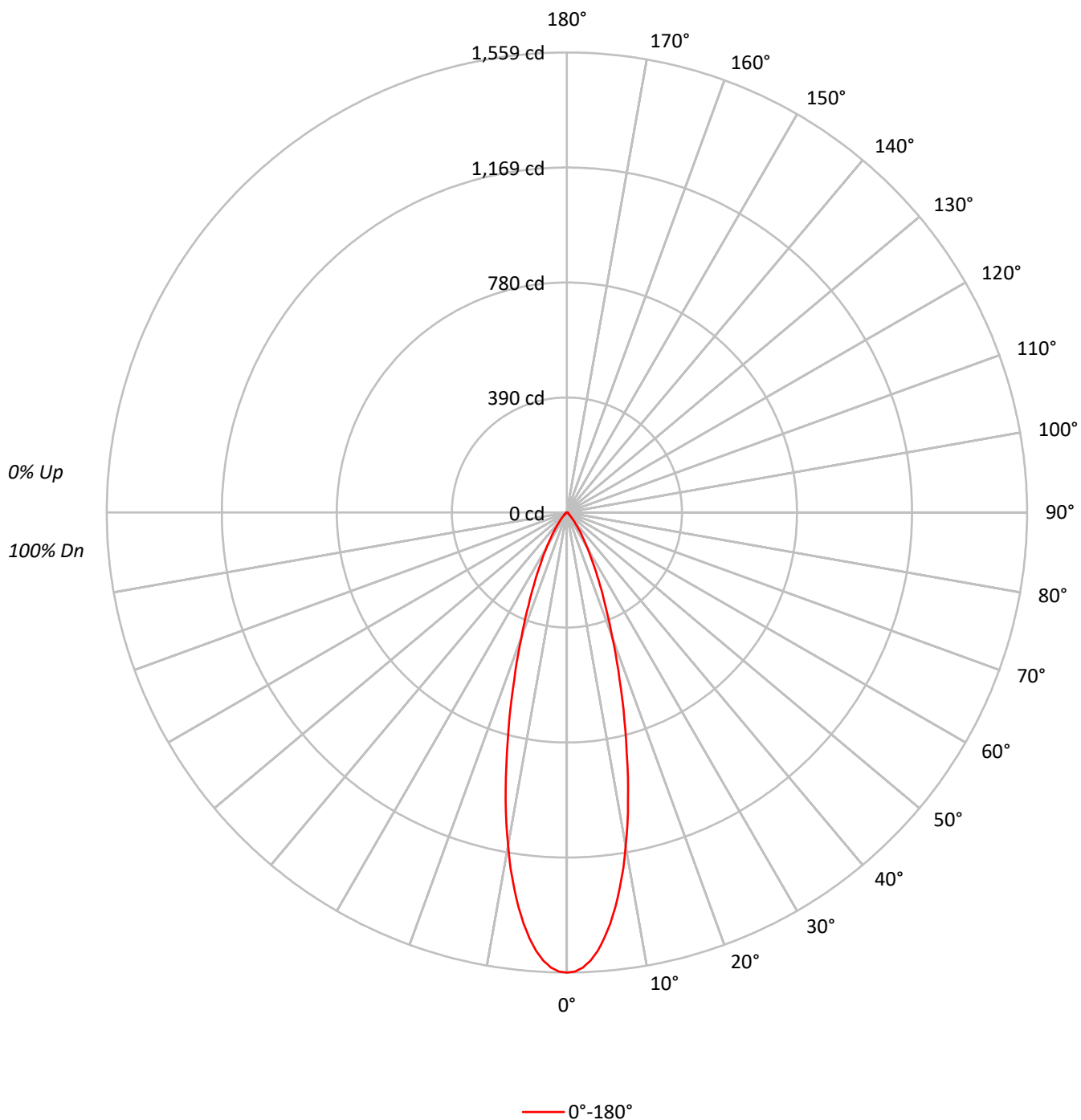
Lumens per Lamp: N/A
Luminaire Lumens: 533.0 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1271574

CATALOG NUMBER: P3AS09R259827DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1271574

CATALOG NUMBER: P3AS09R259827DE010 E3DL1MW

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	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	341902
5°	318995
10°	255529
15°	173463
20°	104962
25°	61383
30°	34942
35°	19220
40°	10219
45°	5365
50°	3138
55°	2332
60°	2017
65°	2127
70°	1988
75°	1694
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5365 cd/sqm

TEST NUMBER: P1271574

CATALOG NUMBER: P3AS09R259827DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.6	24.1
10°-20°	210.1	39.4
20°-30°	120.0	22.5
30°-40°	47.4	8.9
40°-50°	14.5	2.7
50°-60°	5.7	1.1
60°-70°	3.9	0.7
70°-80°	2.1	0.4
80°-90°	0.7	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°	458.7	86.1
0°-40°	506.1	94.9
0°-60°	526.3	98.7
0°-90°	533.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	533.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1559	
5°	1449	129
15°	764	210
25°	254	120
35°	72	47
45°	17	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1271574

CATALOG NUMBER: P3AS09R259827DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1559.2
1°	1556.1
2°	1543.4
3°	1521.0
4°	1489.9
5°	1449.2
6°	1401.3
7°	1347.3
8°	1284.6
9°	1220.5
10°	1147.6
11°	1075.8
12°	996.8
13°	918.9
14°	838.9
15°	764.1
17.5°	592.4
20°	449.8
22.5°	337.7
25°	253.7
27.5°	188.0
30°	138.0
32.5°	99.8
35°	71.8
37.5°	50.9
40°	35.7
42.5°	24.4
45°	17.3
47.5°	12.2
50°	9.2
52.5°	7.1
55°	6.1
57.5°	5.6
60°	4.6
62.5°	4.1
65°	4.1
67.5°	3.6
70°	3.1
72.5°	2.5
75°	2.0
77.5°	1.5
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.5



TEST NUMBER: P1271574

CATALOG NUMBER: P3AS09R259827DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)