

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: P1260982

Luminaire Tested: P3AS24R209050D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260982
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: P3AS24R209050D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

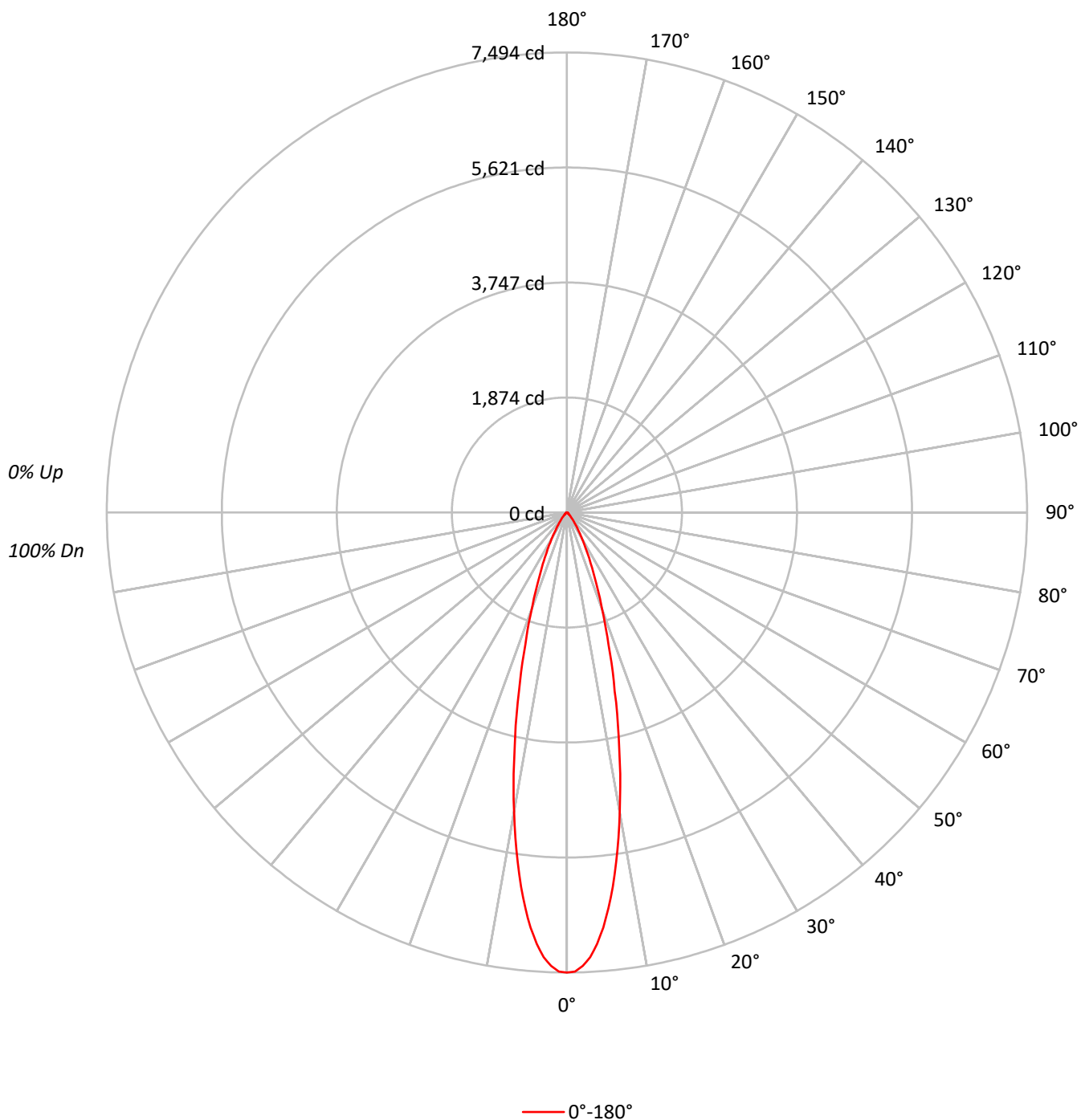
Lumens per Lamp: N/A
Luminaire Lumens: 2136.0 lumens
Efficiency: N/A
Efficacy: 74.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1260982

CATALOG NUMBER: P3AS24R209050D010 E3DL1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1260982

CATALOG NUMBER: P3AS24R209050D010 E3DL1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1643399
5°	1493899
10°	1104077
15°	682978
20°	390027
25°	222666
30°	124880
35°	67940
40°	37213
45°	20467
50°	11974
55°	8678
60°	8157
65°	7472
70°	6604
75°	7032
80°	5177
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20467 cd/sqm

TEST NUMBER: P1260982

CATALOG NUMBER: P3AS24R209050D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	587.7	27.5
10°-20°	839.0	39.3
20°-30°	437.9	20.5
30°-40°	169.3	7.9
40°-50°	55.0	2.6
50°-60°	21.6	1.0
60°-70°	14.3	0.7
70°-80°	8.4	0.4
80°-90°	2.8	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°	1864.6	87.3
0°-40°	2033.9	95.2
0°-60°	2110.5	98.8
0°-90°	2136.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2136.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7494	
5°	6787	588
15°	3008	839
25°	920	438
35°	254	169
45°	66	55
55°	23	22
65°	14	14
75°	8	8
85°	2	3
90°	0	

TEST NUMBER: P1260982

CATALOG NUMBER: P3AS24R209050D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	7494.5
1°	7480.1
2°	7391.4
3°	7255.2
4°	7044.7
5°	6786.8
6°	6481.4
7°	6143.0
8°	5750.9
9°	5369.2
10°	4958.5
12.5°	3941.2
15°	3008.5
17.5°	2251.3
20°	1671.4
22.5°	1238.1
25°	920.3
27.5°	678.9
30°	493.2
32.5°	357.0
35°	253.8
37.5°	183.6
40°	130.0
42.5°	92.9
45°	66.0
47.5°	47.5
50°	35.1
52.5°	26.8
55°	22.7
57.5°	20.6
60°	18.6
62.5°	16.5
65°	14.4
67.5°	12.4
70°	10.3
72.5°	10.3
75°	8.3
77.5°	6.2
80°	4.1
82.5°	4.1
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)