

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: P1261052

Luminaire Tested: P3AS24R309050D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261052
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309050D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

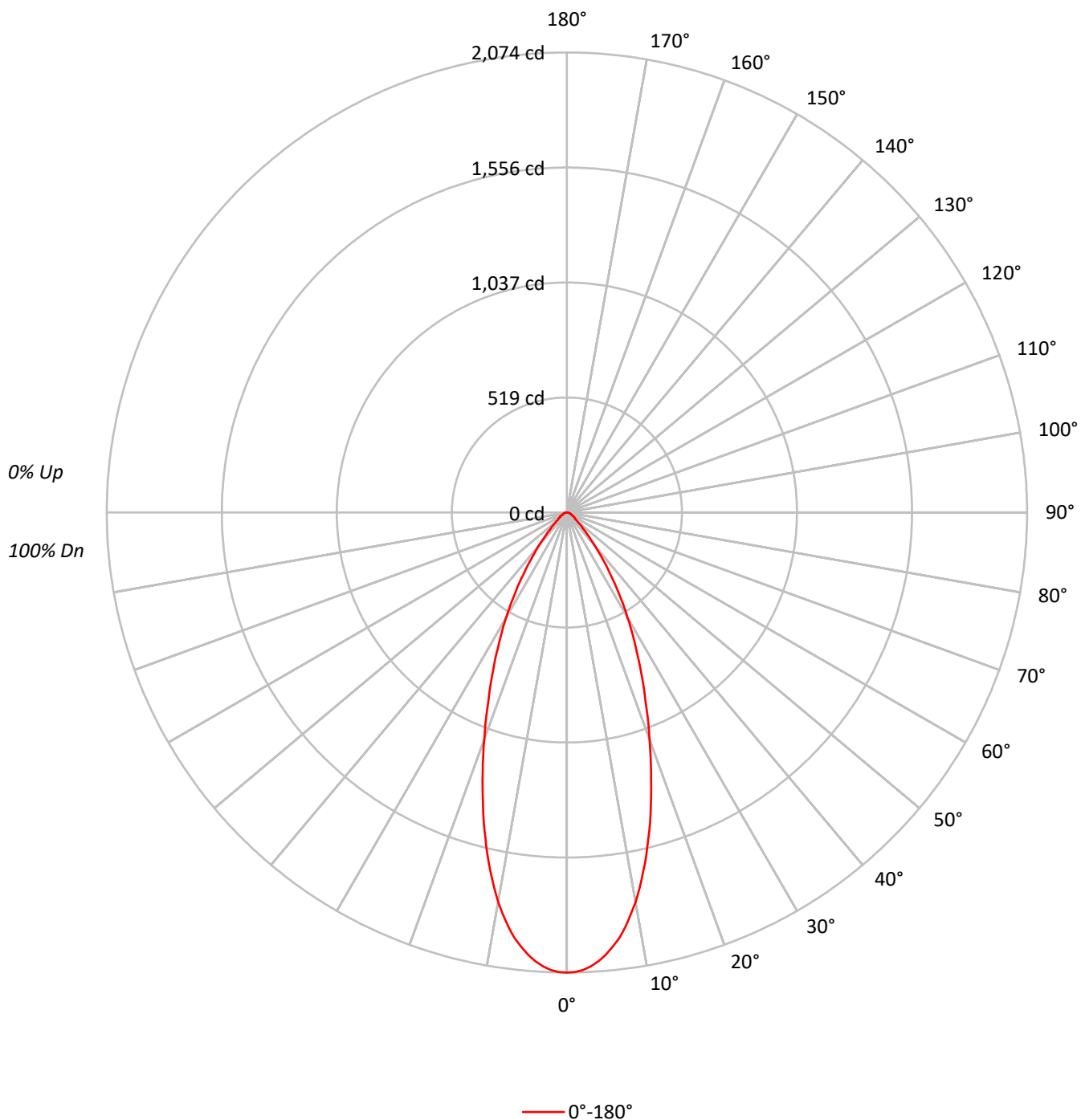
Lumens per Lamp: N/A
Luminaire Lumens: 1331.0 lumens
Efficiency: N/A
Efficacy: 46.2 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261052

CATALOG NUMBER: P3AS24R309050D010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1261052

CATALOG NUMBER: P3AS24R309050D010 E3DLP1MW

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	454832
5°	440655
10°	397053
15°	328447
20°	254285
25°	190753
30°	138477
35°	92274
40°	56706
45°	33275
50°	20434
55°	16554
60°	14473
65°	11778
70°	10579
75°	10506
80°	7829
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33275 cd/sqm

TEST NUMBER: P1261052

CATALOG NUMBER: P3AS24R309050D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.1	13.8
10°-20°	398.5	29.9
20°-30°	362.5	27.2
30°-40°	219.2	16.5
40°-50°	87.9	6.6
50°-60°	38.9	2.9
60°-70°	23.4	1.8
70°-80°	12.8	1.0
80°-90°	3.6	0.3
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°	945.1	71.0
0°-40°	1164.3	87.5
0°-60°	1291.1	97.0
0°-90°	1331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1331.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2074	
5°	2002	184
15°	1447	398
25°	788	362
35°	345	219
45°	107	88
55°	43	39
65°	23	23
75°	12	13
85°	4	4
90°	0	

TEST NUMBER: P1261052

CATALOG NUMBER: P3AS24R309050D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2074.2
1°	2072.1
2°	2063.9
3°	2049.4
4°	2028.8
5°	2001.9
6°	1968.9
7°	1933.8
8°	1888.4
9°	1836.8
10°	1783.2
11°	1721.3
12°	1655.2
13°	1589.2
14°	1516.9
15°	1446.8
17.5°	1263.1
20°	1089.7
22.5°	928.7
25°	788.4
27.5°	660.4
30°	546.9
32.5°	441.7
35°	344.7
37.5°	264.2
40°	198.1
42.5°	144.5
45°	107.3
47.5°	80.5
50°	59.9
52.5°	47.5
55°	43.3
57.5°	37.1
60°	33.0
62.5°	26.8
65°	22.7
67.5°	20.6
70°	16.5
72.5°	14.4
75°	12.4
77.5°	10.3
80°	6.2
82.5°	4.1
85°	4.1
87.5°	2.1



TEST NUMBER: P1261052

CATALOG NUMBER: P3AS24R309050D010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)