

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: P1253041

Luminaire Tested: P3AS24R309030D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253041
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: P3AS24R309030D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

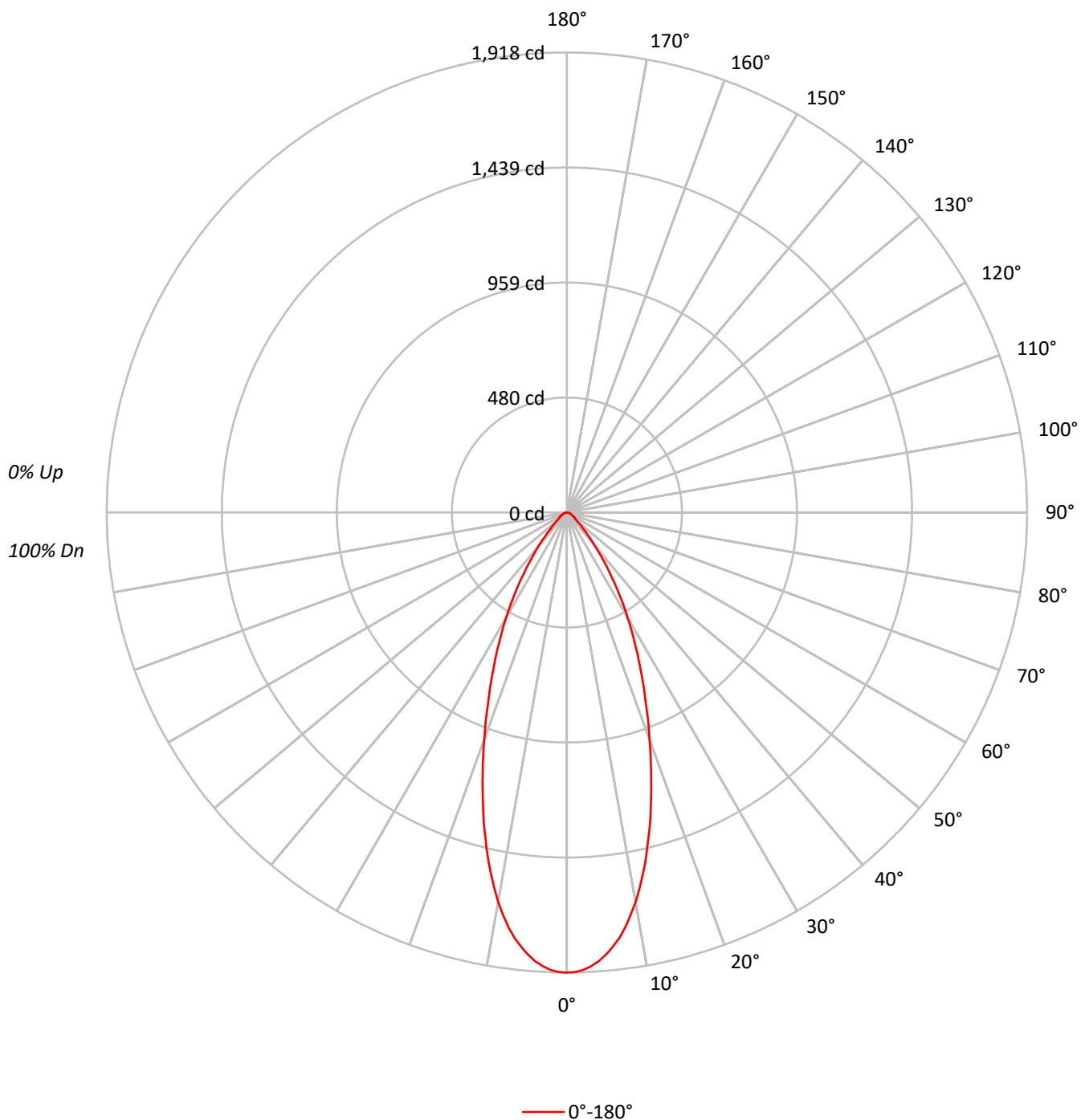
Lumens per Lamp: N/A
Luminaire Lumens: 1231.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253041

CATALOG NUMBER: P3AS24R309030D010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1253041

CATALOG NUMBER: P3AS24R309030D010 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°	420646
5°	407549
10°	367217
15°	303770
20°	235174
25°	176430
30°	128070
35°	85340
40°	52441
45°	30794
50°	18899
55°	15330
60°	13376
65°	10896
70°	9809
75°	9743
80°	7198
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30794 cd/sqm

TEST NUMBER: P1253041

CATALOG NUMBER: P3AS24R309030D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.3	13.8
10°-20°	368.5	29.9
20°-30°	335.3	27.2
30°-40°	202.7	16.5
40°-50°	81.3	6.6
50°-60°	36.0	2.9
60°-70°	21.7	1.8
70°-80°	11.8	1.0
80°-90°	3.4	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°	874.1	71.0
0°-40°	1076.8	87.5
0°-60°	1194.1	97.0
0°-90°	1231.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1231.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1918	
5°	1852	170
15°	1338	369
25°	729	335
35°	319	203
45°	99	81
55°	40	36
65°	21	22
75°	12	12
85°	4	3
90°	0	

TEST NUMBER: P1253041

CATALOG NUMBER: P3AS24R309030D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1918.3
1°	1916.4
2°	1908.8
3°	1895.4
4°	1876.4
5°	1851.5
6°	1821.0
7°	1788.5
8°	1746.6
9°	1698.8
10°	1649.2
11°	1591.9
12°	1530.9
13°	1469.8
14°	1403.0
15°	1338.1
17.5°	1168.2
20°	1007.8
22.5°	859.0
25°	729.2
27.5°	610.8
30°	505.8
32.5°	408.5
35°	318.8
37.5°	244.3
40°	183.2
42.5°	133.6
45°	99.3
47.5°	74.4
50°	55.4
52.5°	43.9
55°	40.1
57.5°	34.4
60°	30.5
62.5°	24.8
65°	21.0
67.5°	19.1
70°	15.3
72.5°	13.4
75°	11.5
77.5°	9.5
80°	5.7
82.5°	3.8
85°	3.8
87.5°	1.9



TEST NUMBER: P1253041

CATALOG NUMBER: P3AS24R309030D010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)