

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: P1253178

Luminaire Tested: P3AS24R559030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253178
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R559030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

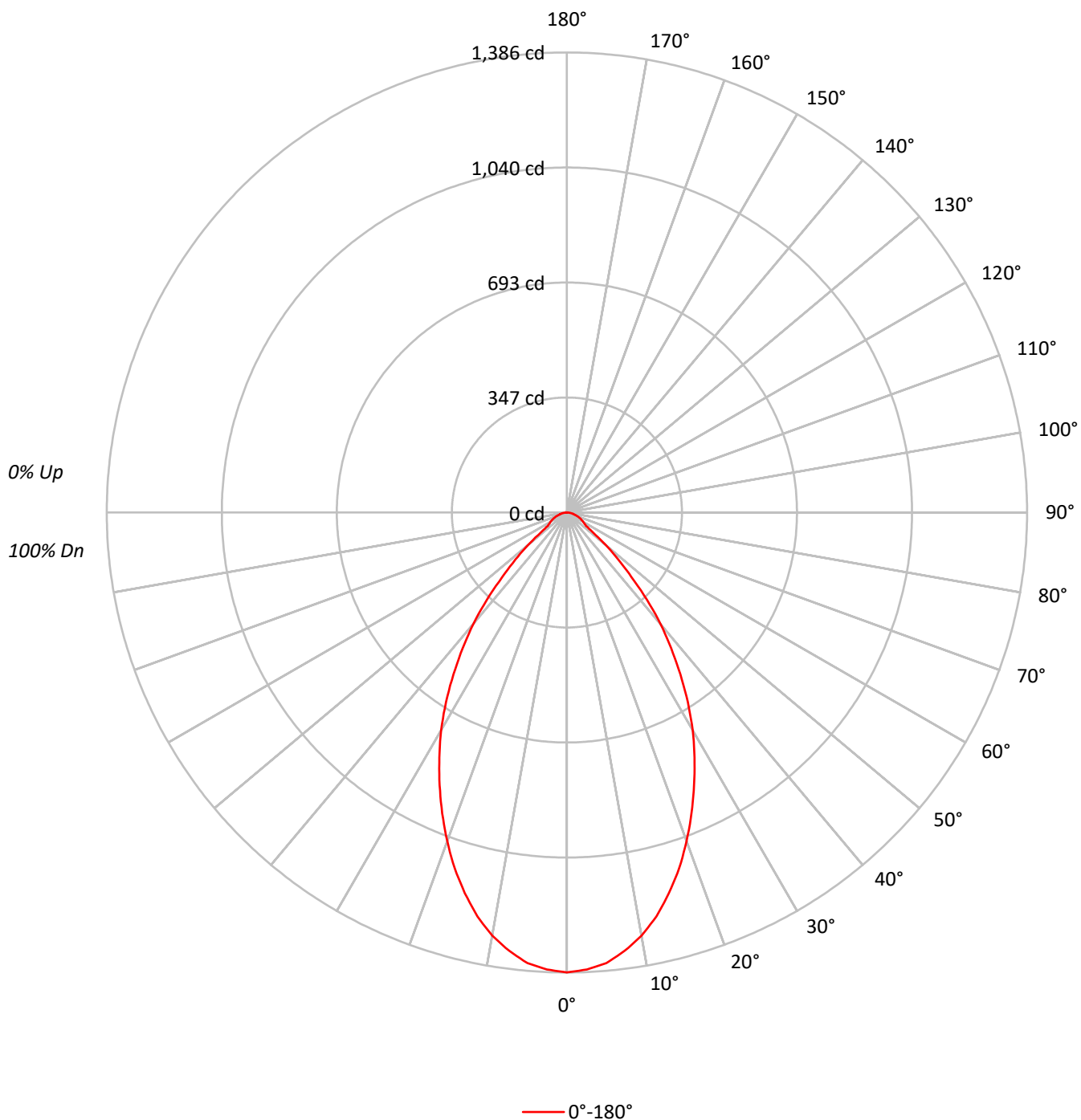
Lumens per Lamp: N/A
Luminaire Lumens: 1616.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	303857
5°	299977
10°	288149
15°	269513
20°	245861
25°	219351
30°	191852
35°	159411
40°	125664
45°	85218
50°	52092
55°	26991
60°	25130
65°	23764
70°	22055
75°	19402
80°	19321
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 85218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.8	7.9
10°-20°	331.8	20.5
20°-30°	415.5	25.7
30°-40°	370.9	23.0
40°-50°	217.2	13.4
50°-60°	75.0	4.6
60°-70°	45.3	2.8
70°-80°	25.2	1.6
80°-90°	7.3	0.4
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°	875.1	54.2
0°-40°	1246.0	77.1
0°-60°	1538.2	95.2
0°-90°	1616.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1616.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1386	
5°	1363	128
15°	1187	332
25°	907	416
35°	596	371
45°	275	217
55°	71	75
65°	46	45
75°	23	25
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1385.7
2.5°	1378.0
5°	1362.8
7.5°	1332.2
10°	1294.1
12.5°	1246.3
15°	1187.2
17.5°	1124.2
20°	1053.6
22.5°	981.0
25°	906.6
27.5°	832.2
30°	757.7
32.5°	677.6
35°	595.5
37.5°	515.3
40°	439.0
42.5°	356.9
45°	274.8
47.5°	209.9
50°	152.7
52.5°	99.2
55°	70.6
57.5°	63.0
60°	57.3
62.5°	51.5
65°	45.8
67.5°	40.1
70°	34.4
72.5°	28.6
75°	22.9
77.5°	19.1
80°	15.3
82.5°	9.5
85°	5.7
87.5°	3.8
90°	0.0

(END OF REPORT)