

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: P1253175

Luminaire Tested: P3AS24R559030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253175
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 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

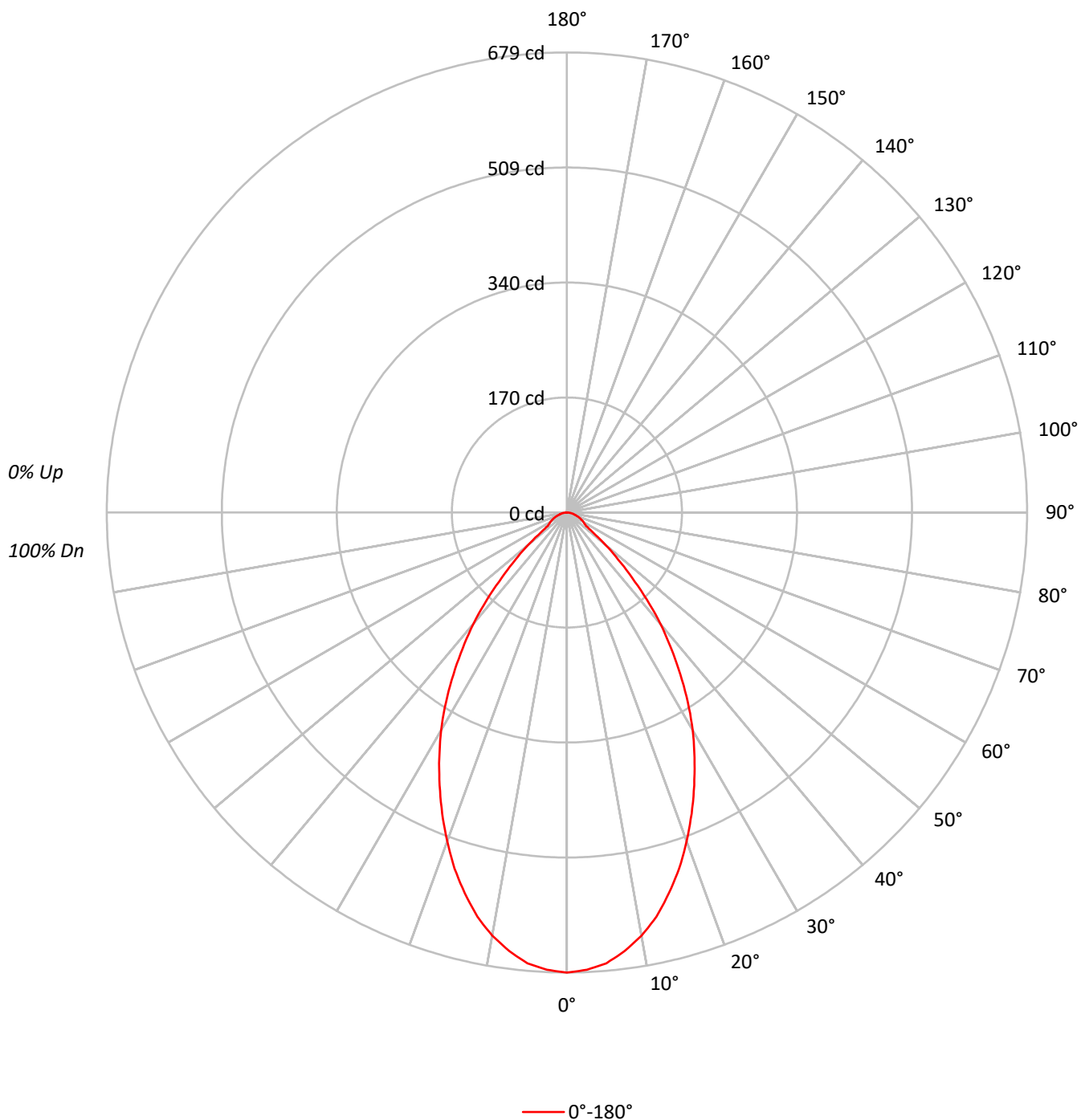
Lumens per Lamp: N/A
Luminaire Lumens: 792.0 lumens
Efficiency: N/A
Efficacy: 27.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	148914
5°	147017
10°	141213
15°	132078
20°	120504
25°	107498
30°	94040
35°	78139
40°	61573
45°	41772
50°	25517
55°	13228
60°	12324
65°	11674
70°	10771
75°	9489
80°	9471
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41772 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.6	7.9
10°-20°	162.6	20.5
20°-30°	203.6	25.7
30°-40°	181.8	23.0
40°-50°	106.4	13.4
50°-60°	36.8	4.6
60°-70°	22.2	2.8
70°-80°	12.3	1.6
80°-90°	3.6	0.5
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°	428.9	54.2
0°-40°	610.7	77.1
0°-60°	753.9	95.2
0°-90°	792.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	792.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	679	
5°	668	63
15°	582	163
25°	444	204
35°	292	182
45°	135	106
55°	35	37
65°	22	22
75°	11	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	679.1
2.5°	675.4
5°	667.9
7.5°	652.9
10°	634.2
12.5°	610.8
15°	581.8
17.5°	551.0
20°	516.4
22.5°	480.8
25°	444.3
27.5°	407.8
30°	371.4
32.5°	332.1
35°	291.9
37.5°	252.6
40°	215.1
42.5°	174.9
45°	134.7
47.5°	102.9
50°	74.8
52.5°	48.6
55°	34.6
57.5°	30.9
60°	28.1
62.5°	25.3
65°	22.5
67.5°	19.6
70°	16.8
72.5°	14.0
75°	11.2
77.5°	9.4
80°	7.5
82.5°	4.7
85°	2.8
87.5°	1.9
90°	0.0

(END OF REPORT)