

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: P1261186

Luminaire Tested: P3AS24R559050D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261186
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: P3AS24R559050D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

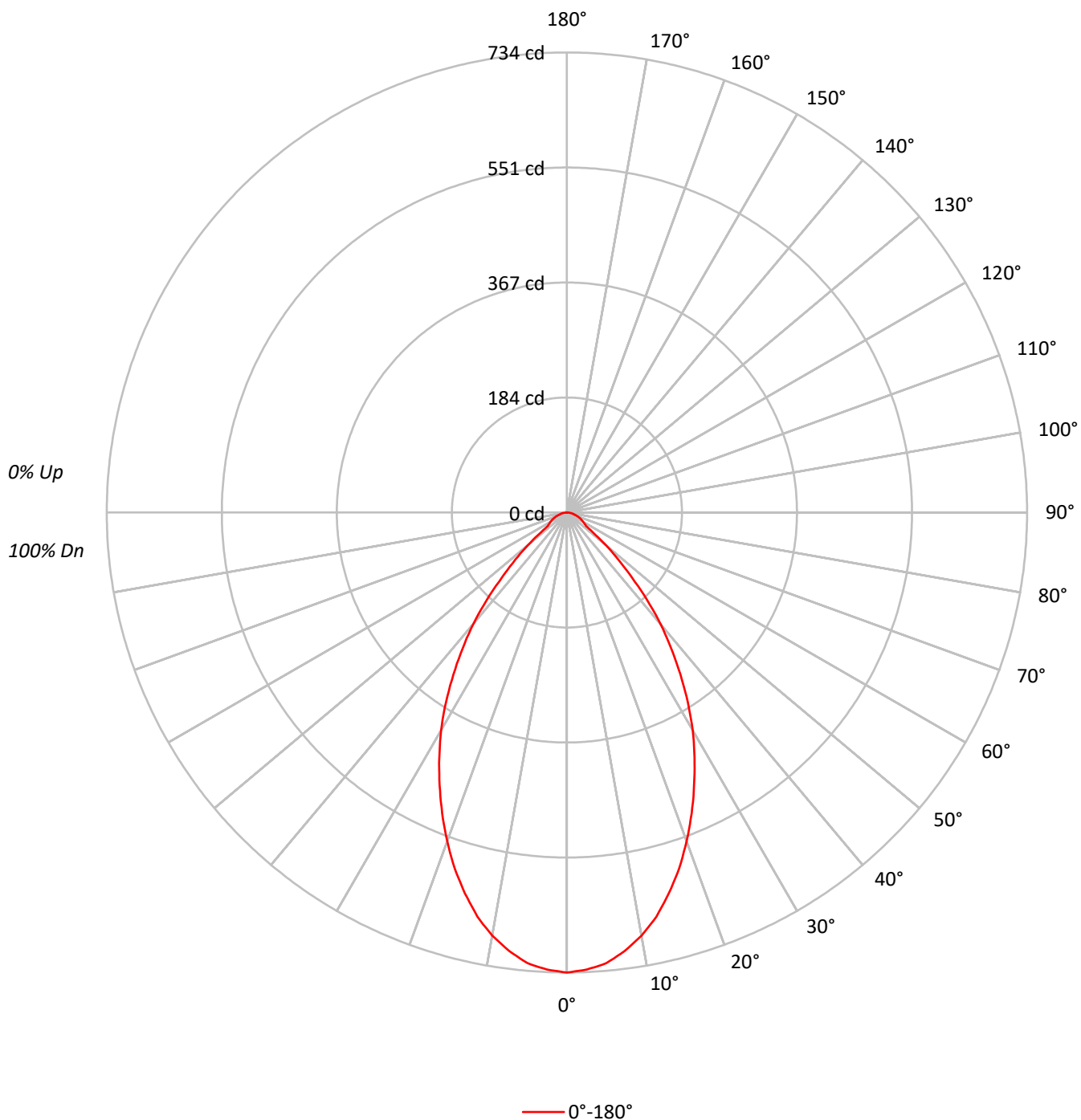
Lumens per Lamp: N/A
Luminaire Lumens: 856.0 lumens
Efficiency: N/A
Efficacy: 29.7 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	160952
5°	158903
10°	152636
15°	142748
20°	130235
25°	116184
30°	101636
35°	84430
40°	66553
45°	45152
50°	27598
55°	14298
60°	13288
65°	12608
70°	11669
75°	10252
80°	10229
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45152 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.7	7.9
10°-20°	175.8	20.5
20°-30°	220.1	25.7
30°-40°	196.5	23.0
40°-50°	115.0	13.4
50°-60°	39.8	4.6
60°-70°	24.0	2.8
70°-80°	13.3	1.6
80°-90°	3.8	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°	463.6	54.2
0°-40°	660.0	77.1
0°-60°	814.8	95.2
0°-90°	856.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	856.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	734	
5°	722	68
15°	629	176
25°	480	220
35°	315	196
45°	146	115
55°	37	40
65°	24	24
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	734.0
2.5°	729.9
5°	721.9
7.5°	705.7
10°	685.5
12.5°	660.2
15°	628.8
17.5°	595.5
20°	558.1
22.5°	519.7
25°	480.2
27.5°	440.8
30°	401.4
32.5°	358.9
35°	315.4
37.5°	273.0
40°	232.5
42.5°	189.1
45°	145.6
47.5°	111.2
50°	80.9
52.5°	52.6
55°	37.4
57.5°	33.4
60°	30.3
62.5°	27.3
65°	24.3
67.5°	21.2
70°	18.2
72.5°	15.2
75°	12.1
77.5°	10.1
80°	8.1
82.5°	5.1
85°	3.0
87.5°	2.0
90°	0.0

(END OF REPORT)