

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: P1258589

Luminaire Tested: P3AS24R559040D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258589
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: P3AS24R559040D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

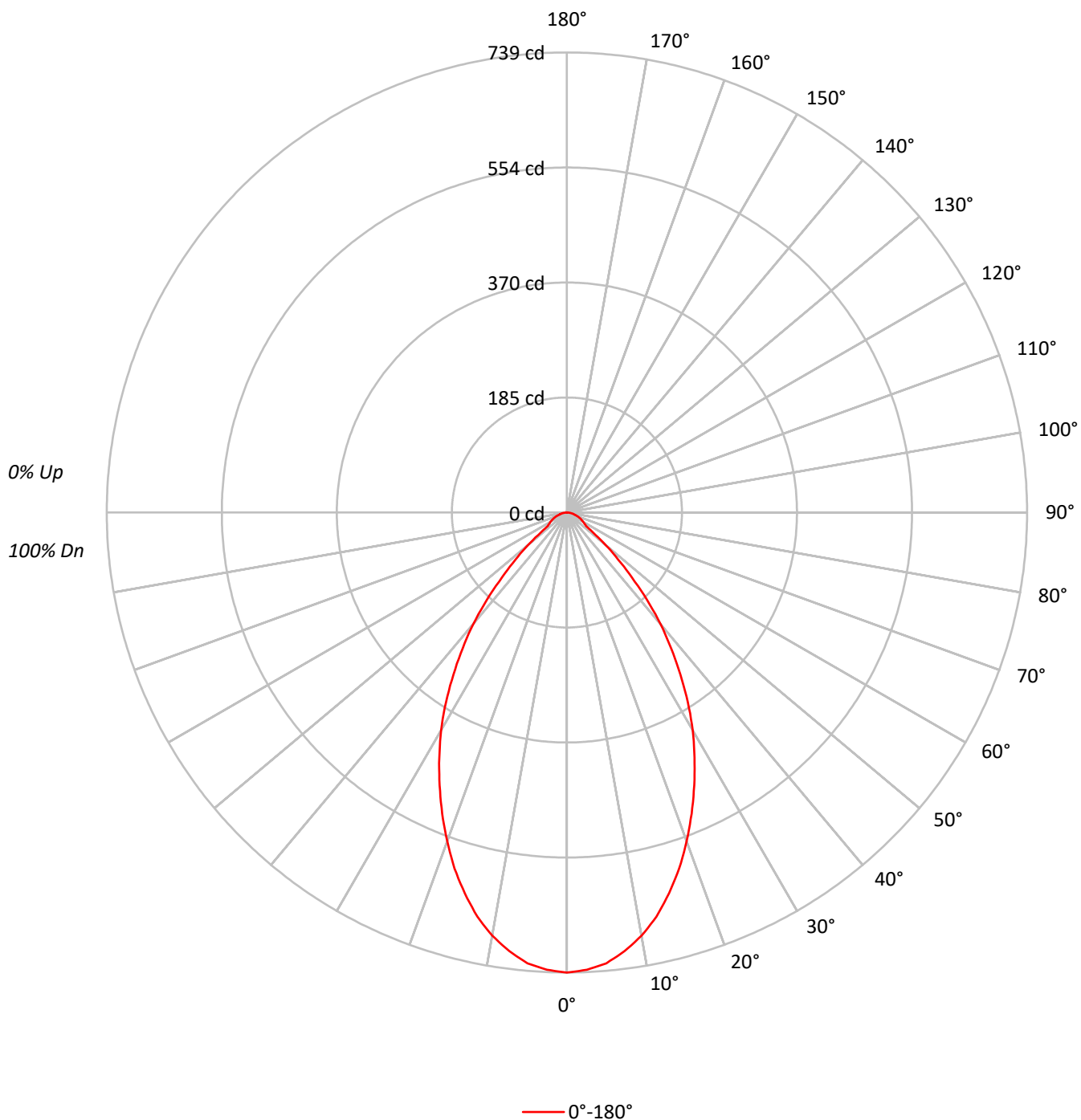
Lumens per Lamp: N/A
Luminaire Lumens: 862.0 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	162070
5°	160004
10°	153705
15°	143769
20°	131145
25°	117007
30°	102345
35°	85019
40°	67040
45°	45462
50°	27769
55°	14413
60°	13376
65°	12660
70°	11733
75°	10336
80°	10229
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45462 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.2	7.9
10°-20°	177.0	20.5
20°-30°	221.6	25.7
30°-40°	197.8	23.0
40°-50°	115.8	13.4
50°-60°	40.0	4.6
60°-70°	24.2	2.8
70°-80°	13.4	1.6
80°-90°	3.9	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°	466.8	54.2
0°-40°	664.7	77.1
0°-60°	820.5	95.2
0°-90°	862.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	862.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	739	
5°	727	68
15°	633	177
25°	484	222
35°	318	198
45°	147	116
55°	38	40
65°	24	24
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	739.1
2.5°	735.1
5°	726.9
7.5°	710.6
10°	690.3
12.5°	664.8
15°	633.3
17.5°	599.7
20°	562.0
22.5°	523.3
25°	483.6
27.5°	443.9
30°	404.2
32.5°	361.4
35°	317.6
37.5°	274.9
40°	234.2
42.5°	190.4
45°	146.6
47.5°	112.0
50°	81.4
52.5°	52.9
55°	37.7
57.5°	33.6
60°	30.5
62.5°	27.5
65°	24.4
67.5°	21.4
70°	18.3
72.5°	15.3
75°	12.2
77.5°	10.2
80°	8.1
82.5°	5.1
85°	3.1
87.5°	2.0
90°	0.0

(END OF REPORT)