

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: P1274858

Luminaire Tested: P3AS20R559830D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274858
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: P3AS20R559830D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

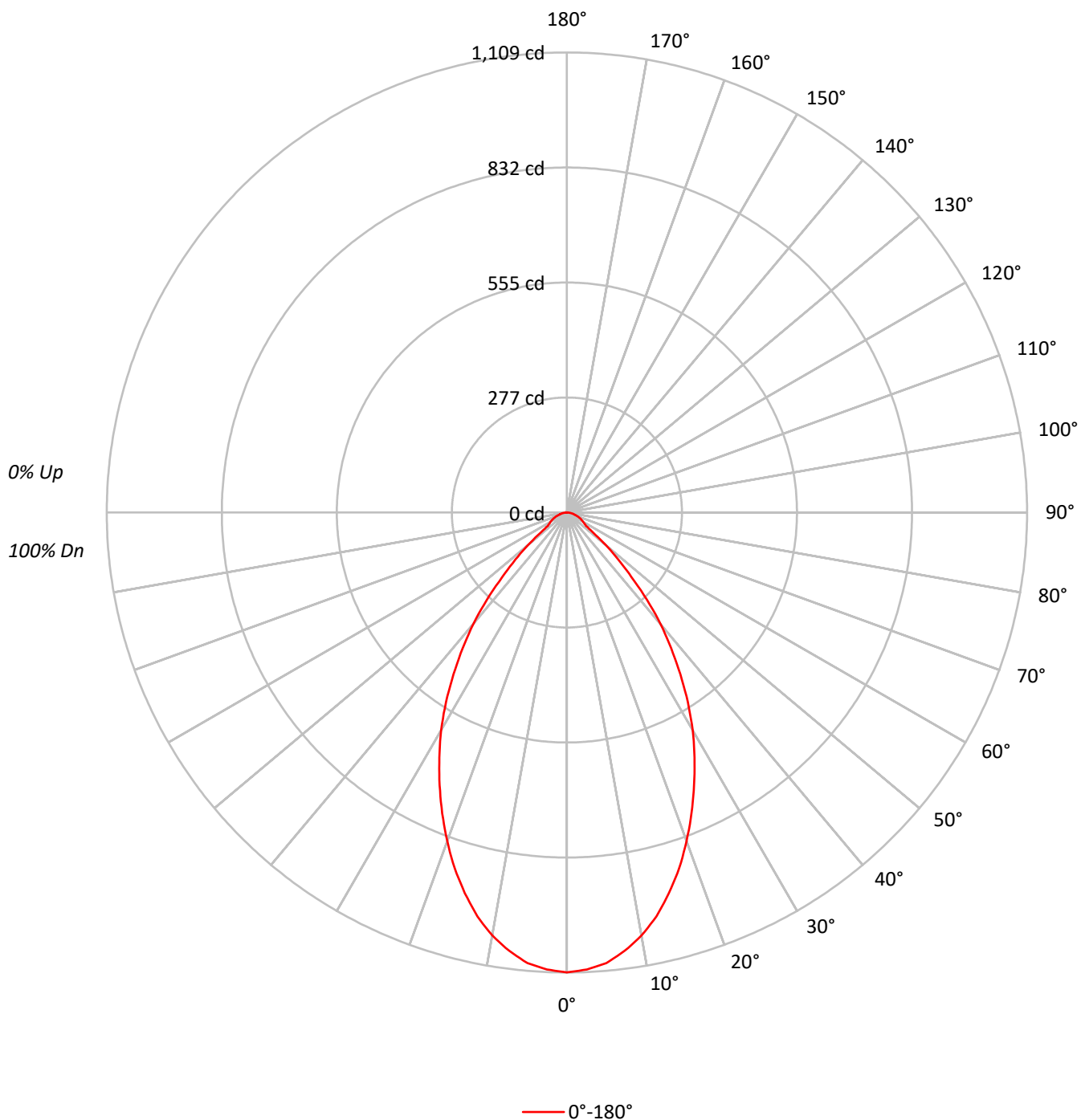
Lumens per Lamp: N/A
Luminaire Lumens: 1293.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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°	243116
5°	240017
10°	230546
15°	215643
20°	196717
25°	175510
30°	153517
35°	127555
40°	100531
45°	68193
50°	41687
55°	21600
60°	20086
65°	19042
70°	17631
75°	15504
80°	15406
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 68193 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.3	7.9
10°-20°	265.5	20.5
20°-30°	332.5	25.7
30°-40°	296.8	23.0
40°-50°	173.8	13.4
50°-60°	60.0	4.6
60°-70°	36.3	2.8
70°-80°	20.1	1.6
80°-90°	5.8	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°	700.2	54.2
0°-40°	997.0	77.1
0°-60°	1230.8	95.2
0°-90°	1293.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1293.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1109	
5°	1090	102
15°	950	265
25°	725	332
35°	476	297
45°	220	174
55°	56	60
65°	37	36
75°	18	20
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1108.7
2.5°	1102.6
5°	1090.4
7.5°	1065.9
10°	1035.4
12.5°	997.2
15°	949.9
17.5°	899.5
20°	843.0
22.5°	784.9
25°	725.4
27.5°	665.8
30°	606.3
32.5°	542.1
35°	476.5
37.5°	412.3
40°	351.2
42.5°	285.6
45°	219.9
47.5°	168.0
50°	122.2
52.5°	79.4
55°	56.5
57.5°	50.4
60°	45.8
62.5°	41.2
65°	36.7
67.5°	32.1
70°	27.5
72.5°	22.9
75°	18.3
77.5°	15.3
80°	12.2
82.5°	7.6
85°	4.6
87.5°	3.1
90°	0.0

(END OF REPORT)