

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: P1258098

Luminaire Tested: P3AS20R309040D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258098
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309040D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

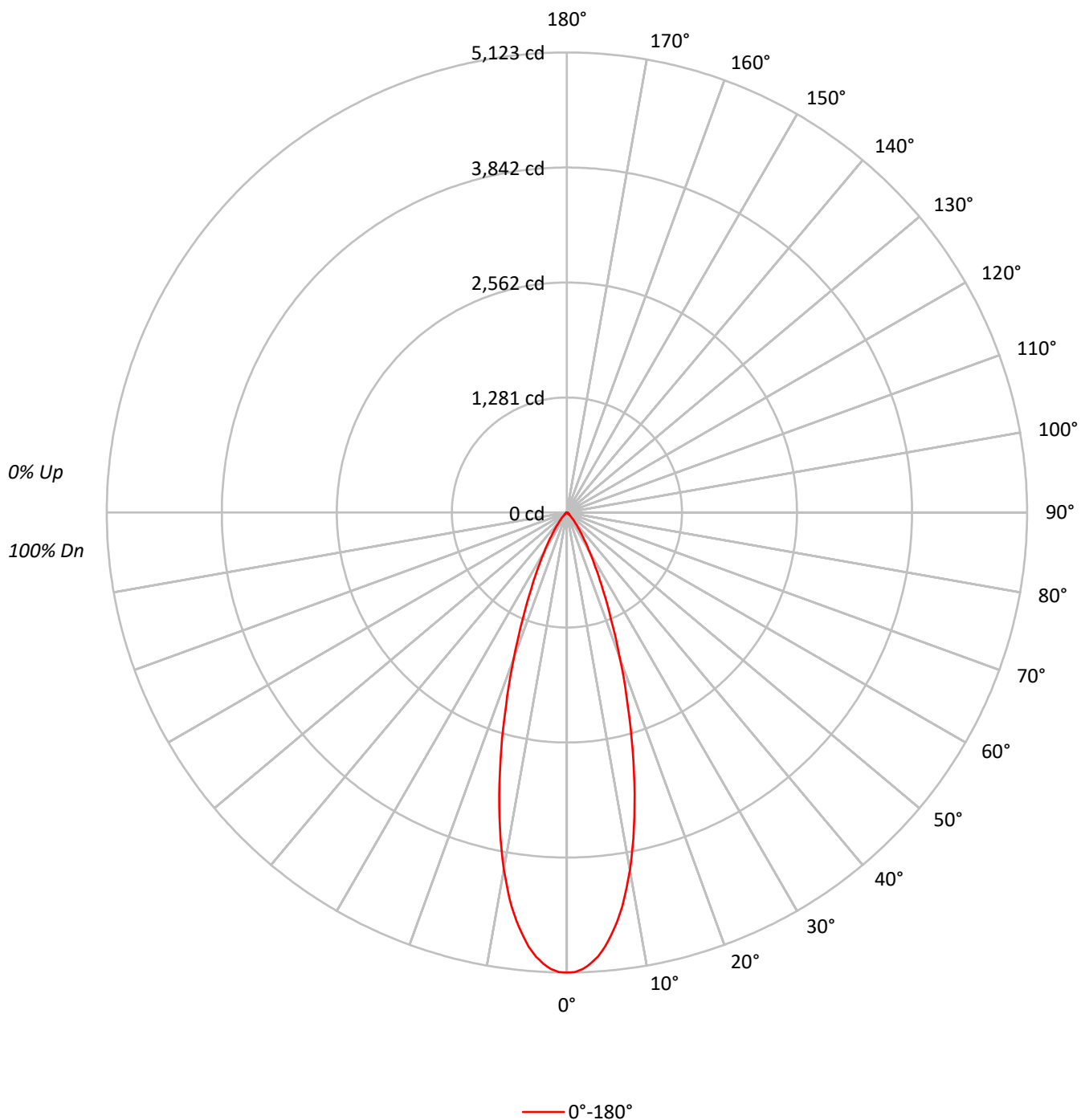
Lumens per Lamp: N/A
Luminaire Lumens: 1925.0 lumens
Efficiency: N/A
Efficacy: 66.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1123287
5°	1069137
10°	899293
15°	648539
20°	402278
25°	228787
30°	127083
35°	69118
40°	36440
45°	19723
50°	10541
55°	6958
60°	6359
65°	6590
70°	5834
75°	4660
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19723 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.4	22.7
10°-20°	777.5	40.4
20°-30°	449.3	23.3
30°-40°	170.5	8.9
40°-50°	52.3	2.7
50°-60°	17.6	0.9
60°-70°	11.9	0.6
70°-80°	6.5	0.3
80°-90°	2.0	0.1
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°	1664.1	86.5
0°-40°	1834.7	95.3
0°-60°	1904.6	98.9
0°-90°	1925.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1925.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5123	
5°	4857	437
15°	2857	777
25°	946	449
35°	258	171
45°	64	52
55°	18	18
65°	13	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5122.6
1°	5119.0
2°	5088.1
3°	5029.9
4°	4957.2
5°	4857.1
6°	4729.9
7°	4588.0
8°	4429.8
9°	4240.7
10°	4038.8
11°	3820.6
12°	3589.7
13°	3347.8
14°	3102.3
15°	2856.8
17.5°	2253.1
20°	1723.9
22.5°	1278.4
25°	945.6
27.5°	687.4
30°	501.9
32.5°	361.9
35°	258.2
37.5°	180.0
40°	127.3
42.5°	89.1
45°	63.6
47.5°	43.6
50°	30.9
52.5°	21.8
55°	18.2
57.5°	16.4
60°	14.5
62.5°	12.7
65°	12.7
67.5°	10.9
70°	9.1
72.5°	7.3
75°	5.5
77.5°	5.5
80°	3.6
82.5°	3.6
85°	1.8
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)