

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: P1276749

Luminaire Tested: P3AS20R259835D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276749
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259835D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

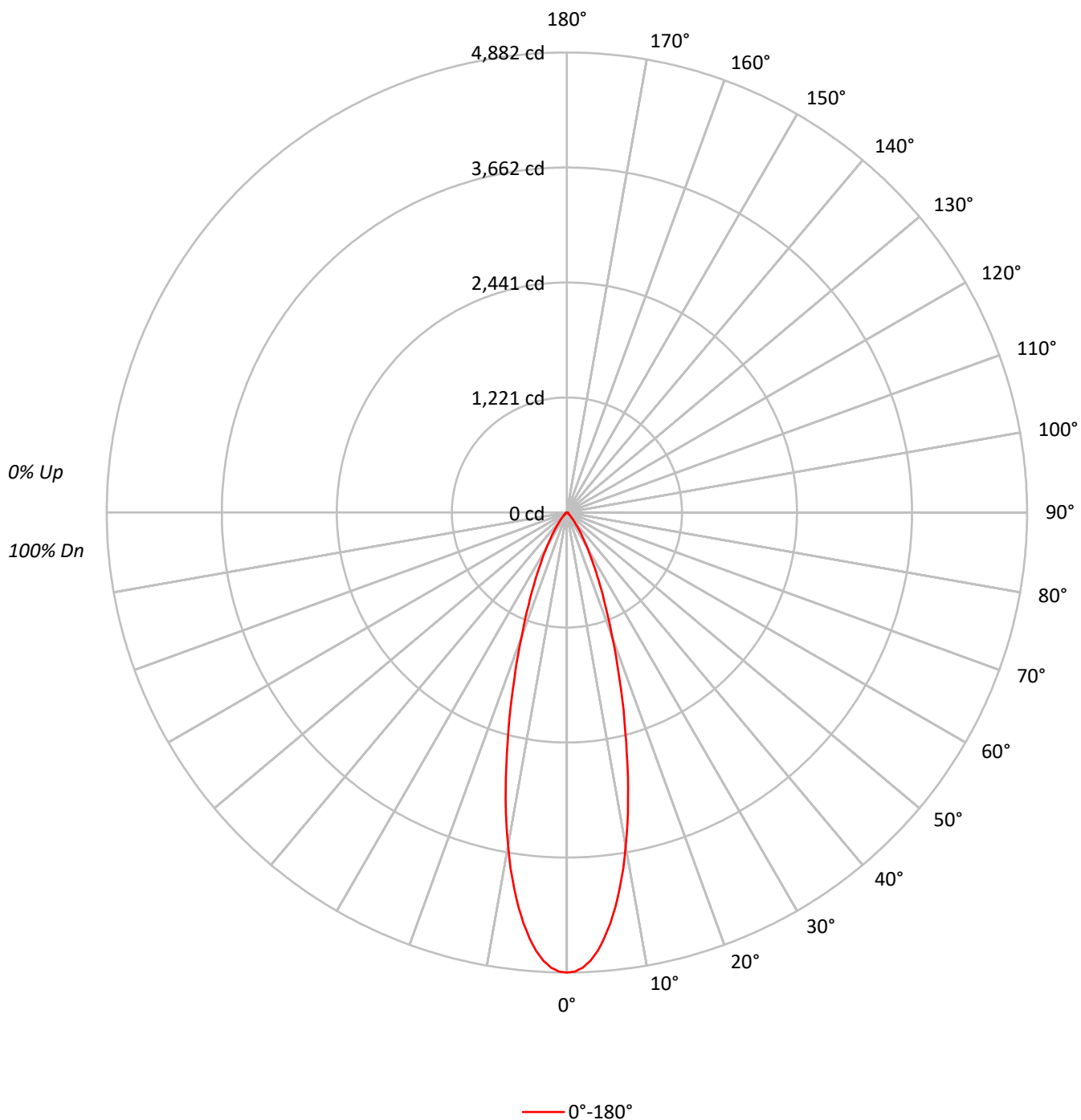
Lumens per Lamp: N/A
Luminaire Lumens: 1669.1 lumens
Efficiency: N/A
Efficacy: 60.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1070594
5°	998853
10°	800163
15°	543136
20°	328655
25°	192180
30°	109435
35°	60204
40°	31974
45°	16808
50°	9791
55°	7302
60°	6315
65°	6641
70°	6155
75°	5422
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16808 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	402.7	24.1
10°-20°	657.8	39.4
20°-30°	375.9	22.5
30°-40°	148.3	8.9
40°-50°	45.5	2.7
50°-60°	17.9	1.1
60°-70°	12.1	0.7
70°-80°	6.7	0.4
80°-90°	2.2	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°	1436.3	86.1
0°-40°	1584.6	94.9
0°-60°	1648.0	98.7
0°-90°	1669.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1669.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4882	
5°	4538	403
15°	2392	658
25°	794	376
35°	225	148
45°	54	45
55°	19	18
65°	13	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4882.3
1°	4872.8
2°	4832.9
3°	4762.7
4°	4665.4
5°	4537.8
6°	4387.9
7°	4218.8
8°	4022.6
9°	3821.6
10°	3593.6
11°	3368.7
12°	3121.4
13°	2877.4
14°	2627.0
15°	2392.5
17.5°	1855.0
20°	1408.4
22.5°	1057.5
25°	794.3
27.5°	588.6
30°	432.2
32.5°	312.6
35°	224.9
37.5°	159.5
40°	111.7
42.5°	76.6
45°	54.2
47.5°	38.3
50°	28.7
52.5°	22.3
55°	19.1
57.5°	17.5
60°	14.4
62.5°	12.8
65°	12.8
67.5°	11.2
70°	9.6
72.5°	8.0
75°	6.4
77.5°	4.8
80°	3.2
82.5°	3.2
85°	1.6
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)