

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: P1276973

Luminaire Tested: P3AS20R659835D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276973
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659835D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

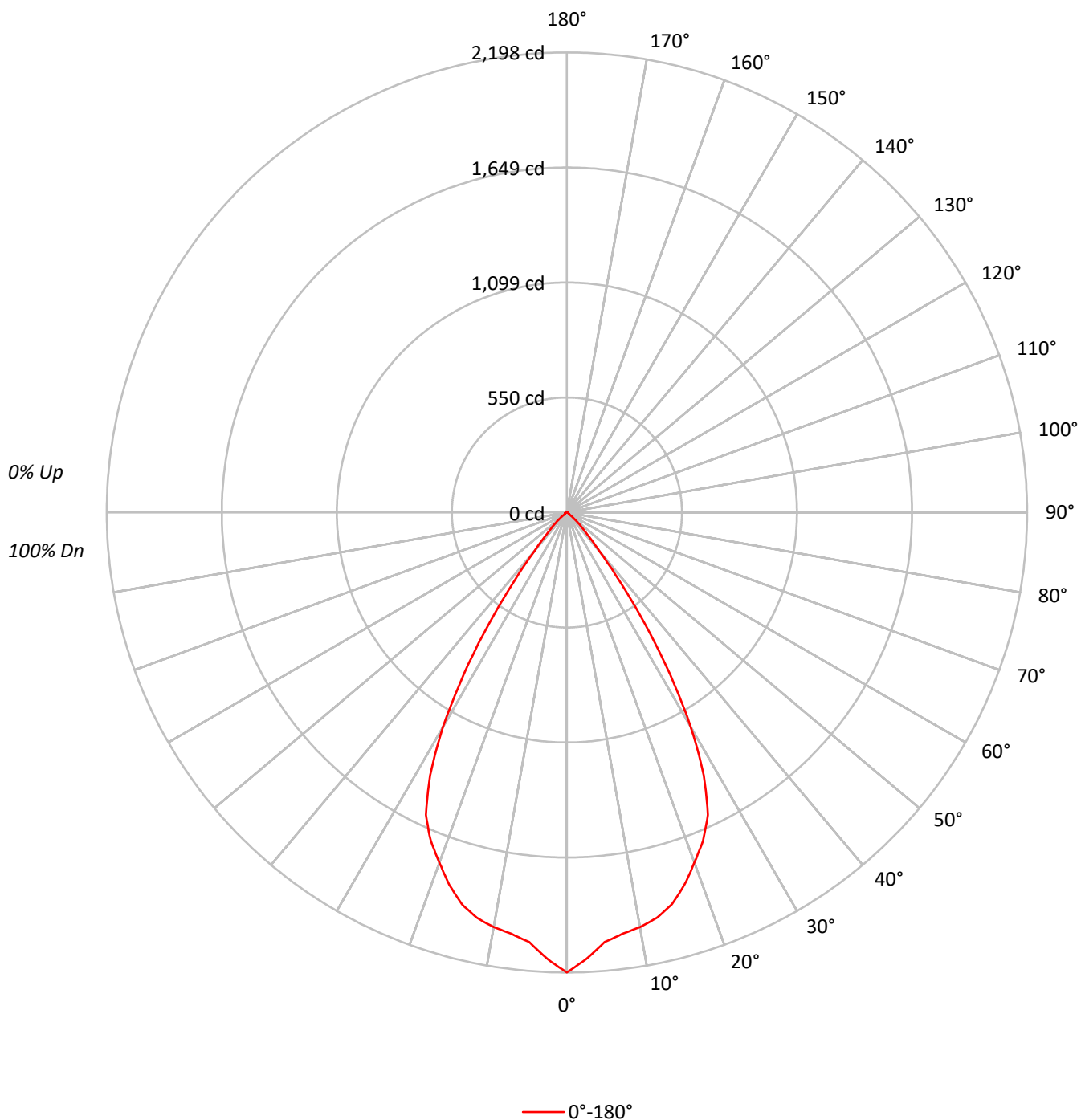
Lumens per Lamp: N/A
Luminaire Lumens: 1972.1 lumens
Efficiency: N/A
Efficacy: 72.0 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	481913
5°	453554
10°	447798
15°	439889
20°	415346
25°	385498
30°	299641
35°	173331
40°	69845
45°	32158
50°	12520
55°	4893
60°	4210
65°	4151
70°	4103
75°	4067
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32158 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.9	9.9
10°-20°	541.1	27.4
20°-30°	708.4	35.9
30°-40°	410.3	20.8
40°-50°	87.8	4.5
50°-60°	14.3	0.7
60°-70°	7.9	0.4
70°-80°	4.6	0.2
80°-90°	1.7	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°	1445.4	73.3
0°-40°	1855.6	94.1
0°-60°	1957.8	99.3
0°-90°	1972.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1972.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2198	
5°	2060	196
15°	1938	541
25°	1593	708
35°	648	410
45°	104	88
55°	13	14
65°	8	8
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2197.7
2.5°	2135.5
5°	2060.5
7.5°	2030.2
10°	2011.1
12.5°	1984.0
15°	1937.7
17.5°	1866.0
20°	1779.9
22.5°	1698.5
25°	1593.3
27.5°	1416.2
30°	1183.4
32.5°	917.0
35°	647.5
37.5°	409.9
40°	244.0
42.5°	153.1
45°	103.7
47.5°	67.0
50°	36.7
52.5°	17.5
55°	12.8
57.5°	11.2
60°	9.6
62.5°	9.6
65°	8.0
67.5°	6.4
70°	6.4
72.5°	4.8
75°	4.8
77.5°	3.2
80°	3.2
82.5°	1.6
85°	1.6
87.5°	1.6
90°	0.0

(END OF REPORT)