

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: P1276974

Luminaire Tested: P3AS20R659835D010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276974
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659835D010 E3D1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

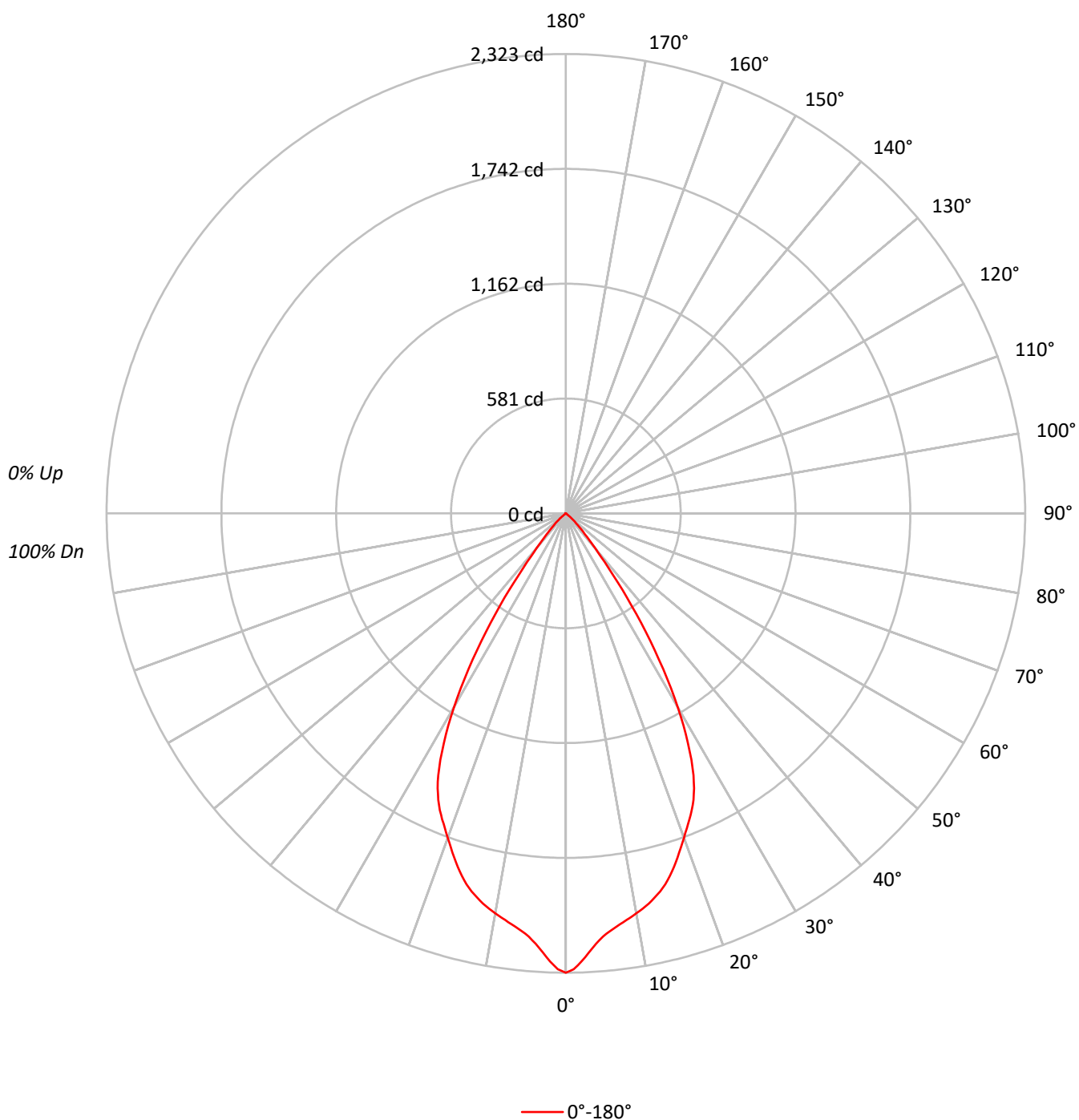
Lumens per Lamp: N/A
Luminaire Lumens: 1901.0 lumens
Efficiency: N/A
Efficacy: 69.4 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	509389
5°	472968
10°	457395
15°	440797
20°	407505
25°	371296
30°	286880
35°	166290
40°	65981
45°	28096
50°	6652
55°	879
60°	702
65°	415
70°	513
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28096 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.6	10.7
10°-20°	541.0	28.5
20°-30°	684.8	36.0
30°-40°	389.9	20.5
40°-50°	77.5	4.1
50°-60°	4.0	0.2
60°-70°	1.1	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	1428.4	75.1
0°-40°	1818.4	95.7
0°-60°	1899.8	99.9
0°-90°	1901.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1901.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2323	
5°	2149	203
15°	1942	541
25°	1535	685
35°	621	390
45°	91	77
55°	2	4
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2323.0
1°	2305.8
2°	2268.3
3°	2224.5
4°	2181.6
5°	2148.7
6°	2124.5
7°	2105.0
8°	2087.8
9°	2070.6
10°	2054.2
11°	2036.2
12°	2017.5
13°	1994.8
14°	1970.6
15°	1941.7
16°	1907.3
17°	1869.8
18°	1829.2
19°	1786.2
20°	1746.3
21°	1705.7
22°	1669.0
23°	1630.7
24°	1586.2
25°	1534.6
26°	1472.9
27°	1398.6
28°	1315.0
29°	1226.0
30°	1133.0
31°	1030.6
32°	929.0
32.5°	876.7
33°	825.9
34°	722.8
35°	621.2
36°	527.4
37°	434.4
37.5°	386.8
38°	348.5
39°	282.1
40°	230.5
42.5°	142.2
45°	90.6



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	53.1
50°	19.5
52.5°	3.9
55°	2.3
57.5°	1.6
60°	1.6
62.5°	1.6
65°	0.8
67.5°	0.8
70°	0.8
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)