

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: P1268358

Luminaire Tested: P3A20R659735D010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268358
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: P3A20R659735D010 E3D1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

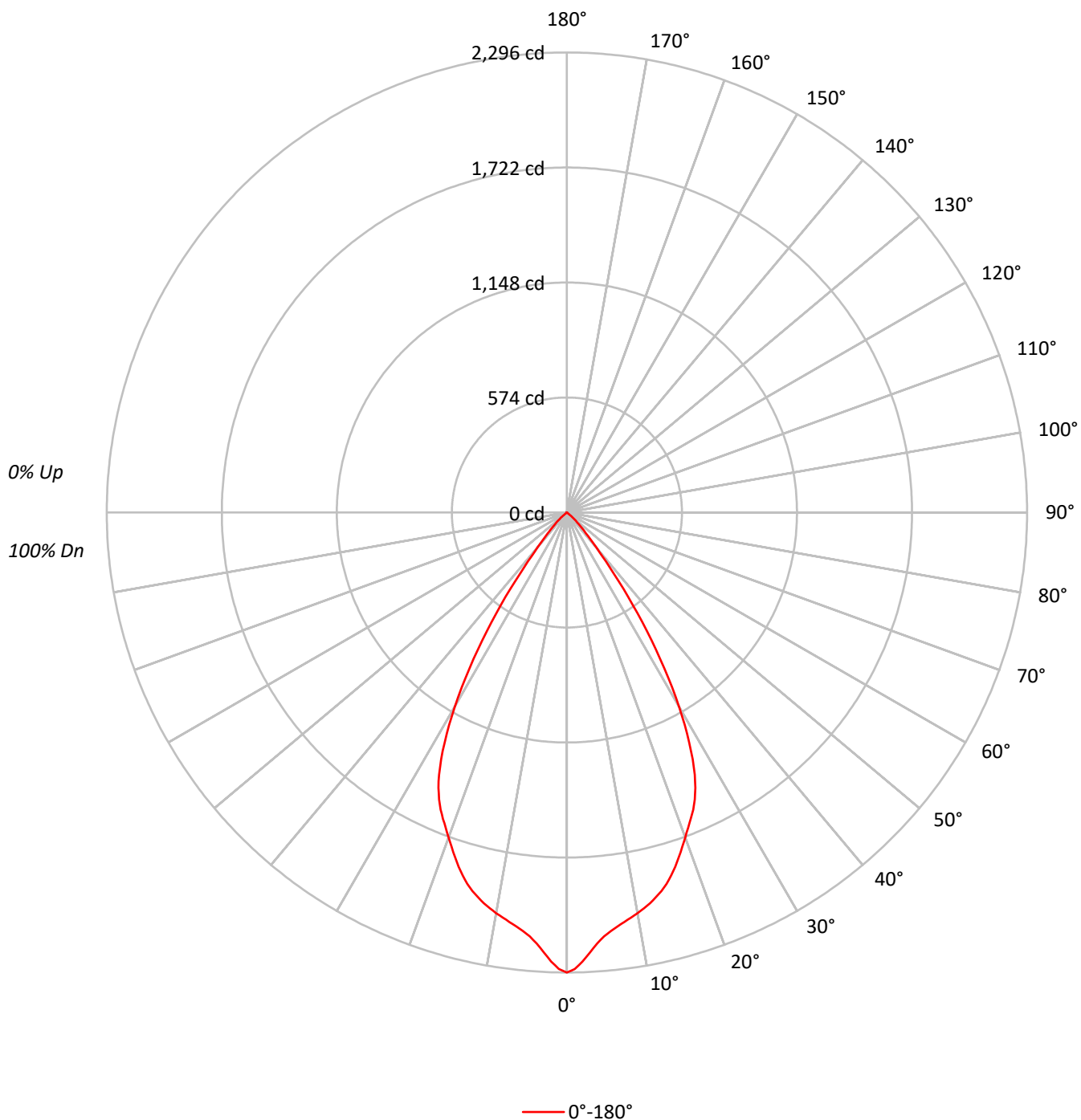
Lumens per Lamp: N/A
Luminaire Lumens: 1879.0 lumens
Efficiency: N/A
Efficacy: 65.2 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1268358

CATALOG NUMBER: P3A20R659735D010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1268358

CATALOG NUMBER: P3A20R659735D010 E3D1H

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°	503490
5°	467509
10°	452096
15°	435689
20°	402792
25°	366989
30°	283563
35°	164363
40°	65208
45°	27786
50°	6584
55°	879
60°	658
65°	415
70°	513
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27786 cd/sqm

TEST NUMBER: P1268358

CATALOG NUMBER: P3A20R659735D010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.3	10.7
10°-20°	534.8	28.5
20°-30°	676.8	36.0
30°-40°	385.4	20.5
40°-50°	76.6	4.1
50°-60°	3.9	0.2
60°-70°	1.0	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°	1411.9	75.1
0°-40°	1797.3	95.7
0°-60°	1877.8	99.9
0°-90°	1879.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1879.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2296	
5°	2124	200
15°	1919	535
25°	1517	677
35°	614	385
45°	90	77
55°	2	4
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1268358

CATALOG NUMBER: P3A20R659735D010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	2296.1
1°	2279.1
2°	2242.0
3°	2198.8
4°	2156.3
5°	2123.9
6°	2099.9
7°	2080.6
8°	2063.6
9°	2046.6
10°	2030.4
11°	2012.7
12°	1994.1
13°	1971.7
14°	1947.8
15°	1919.2
16°	1885.2
17°	1848.2
18°	1808.0
19°	1765.5
20°	1726.1
21°	1686.0
22°	1649.7
23°	1611.8
24°	1567.8
25°	1516.8
26°	1455.8
27°	1382.4
28°	1299.8
29°	1211.8
30°	1119.9
31°	1018.7
32°	918.3
32.5°	866.5
33°	816.3
34°	714.4
35°	614.0
36°	521.3
37°	429.4
37.5°	382.3
38°	344.5
39°	278.8
40°	227.8
42.5°	140.6
45°	89.6

TEST NUMBER: P1268358

CATALOG NUMBER: P3A20R659735D010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	52.5
50°	19.3
52.5°	3.9
55°	2.3
57.5°	1.5
60°	1.5
62.5°	1.5
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)