

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: P1276630

Luminaire Tested: P3AS17R659835DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276630
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: P3AS17R659835DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

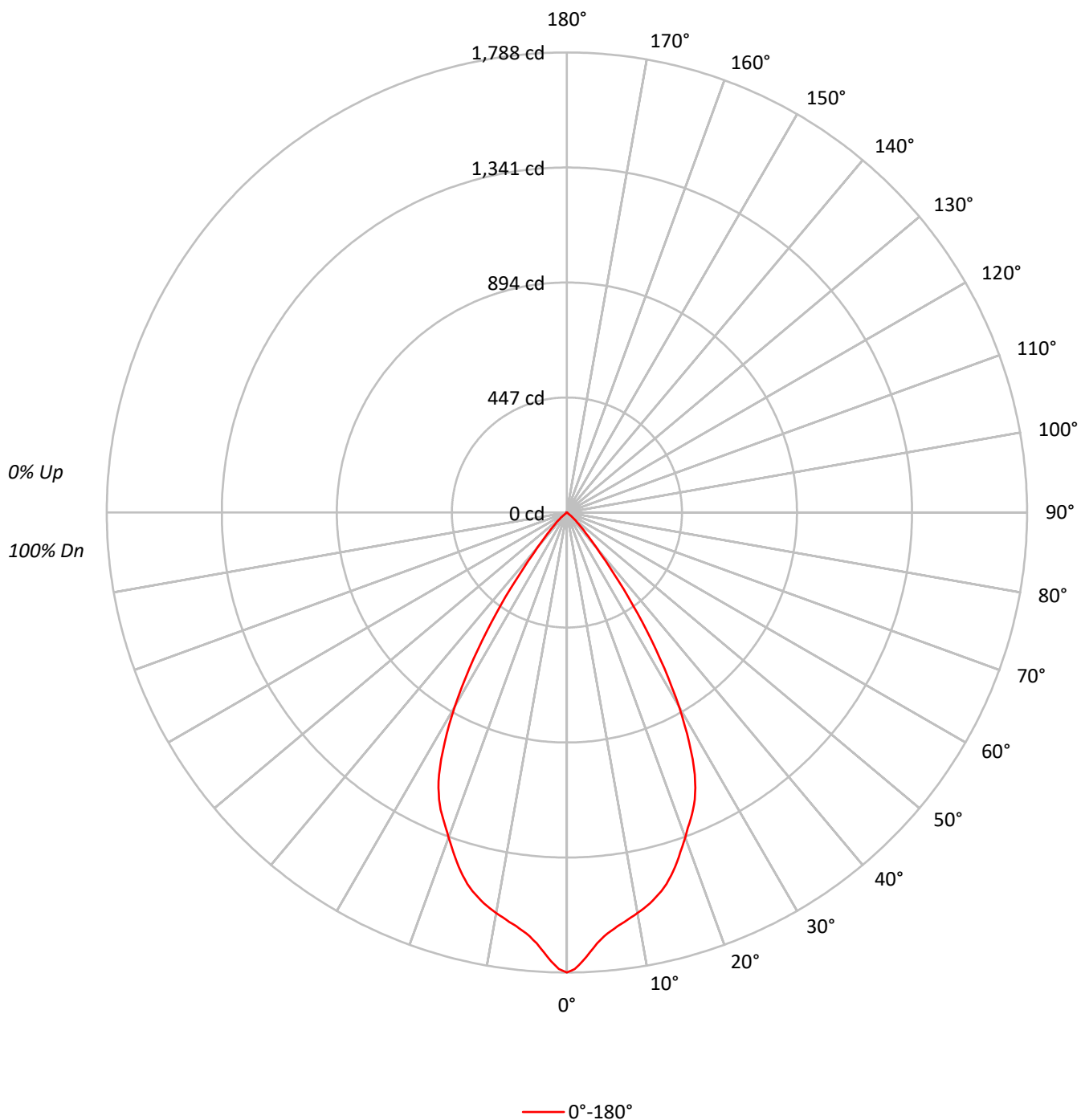
Lumens per Lamp: N/A
Luminaire Lumens: 1463.0 lumens
Efficiency: N/A
Efficacy: 71.7 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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

TEST NUMBER: P1276630

CATALOG NUMBER: P3AS17R659835DE010 E3D1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1276630

CATALOG NUMBER: P3AS17R659835DE010 E3D1LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	109	106		111	109	107	105		105	103	102		101	100	99		98	97	96
2	108	104	100	96		106	102	98	95		99	96	93		96	93	91		93	91	89
3	103	97	92	88		101	95	91	88		93	89	86		90	87	85		88	86	83
4	98	91	85	81		96	90	85	81		87	83	80		85	82	79		84	81	78
5	93	85	79	75		92	84	79	75		82	78	74		81	77	74		79	76	73
6	89	80	74	70		87	79	74	70		78	73	69		76	72	69		75	71	68
7	84	75	70	65		83	75	69	65		73	69	65		72	68	65		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		67	63	60
9	77	67	61	58		76	67	61	57		66	61	57		65	60	57		64	60	57
10	73	64	58	54		72	63	58	54		62	57	54		62	57	54		61	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	392030
5°	364010
10°	352009
15°	339230
20°	313627
25°	285742
30°	220768
35°	127984
40°	50781
45°	21646
50°	5117
55°	688
60°	526
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21646 cd/sqm

TEST NUMBER: P1276630

CATALOG NUMBER: P3AS17R659835DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.0	10.7
10°-20°	416.4	28.5
20°-30°	527.0	36.0
30°-40°	300.1	20.5
40°-50°	59.6	4.1
50°-60°	3.1	0.2
60°-70°	0.8	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°	1099.3	75.1
0°-40°	1399.4	95.7
0°-60°	1462.1	99.9
0°-90°	1463.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1463.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1788	
5°	1654	156
15°	1494	416
25°	1181	527
35°	478	300
45°	70	60
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1276630

CATALOG NUMBER: P3AS17R659835DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1787.8
1°	1774.5
2°	1745.7
3°	1712.0
4°	1678.9
5°	1653.7
6°	1635.0
7°	1620.0
8°	1606.8
9°	1593.5
10°	1580.9
11°	1567.1
12°	1552.6
13°	1535.2
14°	1516.6
15°	1494.3
16°	1467.8
17°	1439.0
18°	1407.7
19°	1374.6
20°	1344.0
21°	1312.7
22°	1284.4
23°	1255.0
24°	1220.7
25°	1181.0
26°	1133.5
27°	1076.4
28°	1012.0
29°	943.5
30°	871.9
31°	793.2
32°	715.0
32.5°	674.7
33°	635.6
34°	556.2
35°	478.1
36°	405.9
37°	334.3
37.5°	297.7
38°	268.2
39°	217.1
40°	177.4
42.5°	109.4
45°	69.8



TEST NUMBER: P1276630

CATALOG NUMBER: P3AS17R659835DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	40.9
50°	15.0
52.5°	3.0
55°	1.8
57.5°	1.2
60°	1.2
62.5°	1.2
65°	0.6
67.5°	0.6
70°	0.6
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)