

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: P1257655

Luminaire Tested: P3AS17R159040DE010 E3D1B

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257655
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159040DE010 E3D1B
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3D1B TRIM
Light Source: -
Ballast/Driver: -

Summary

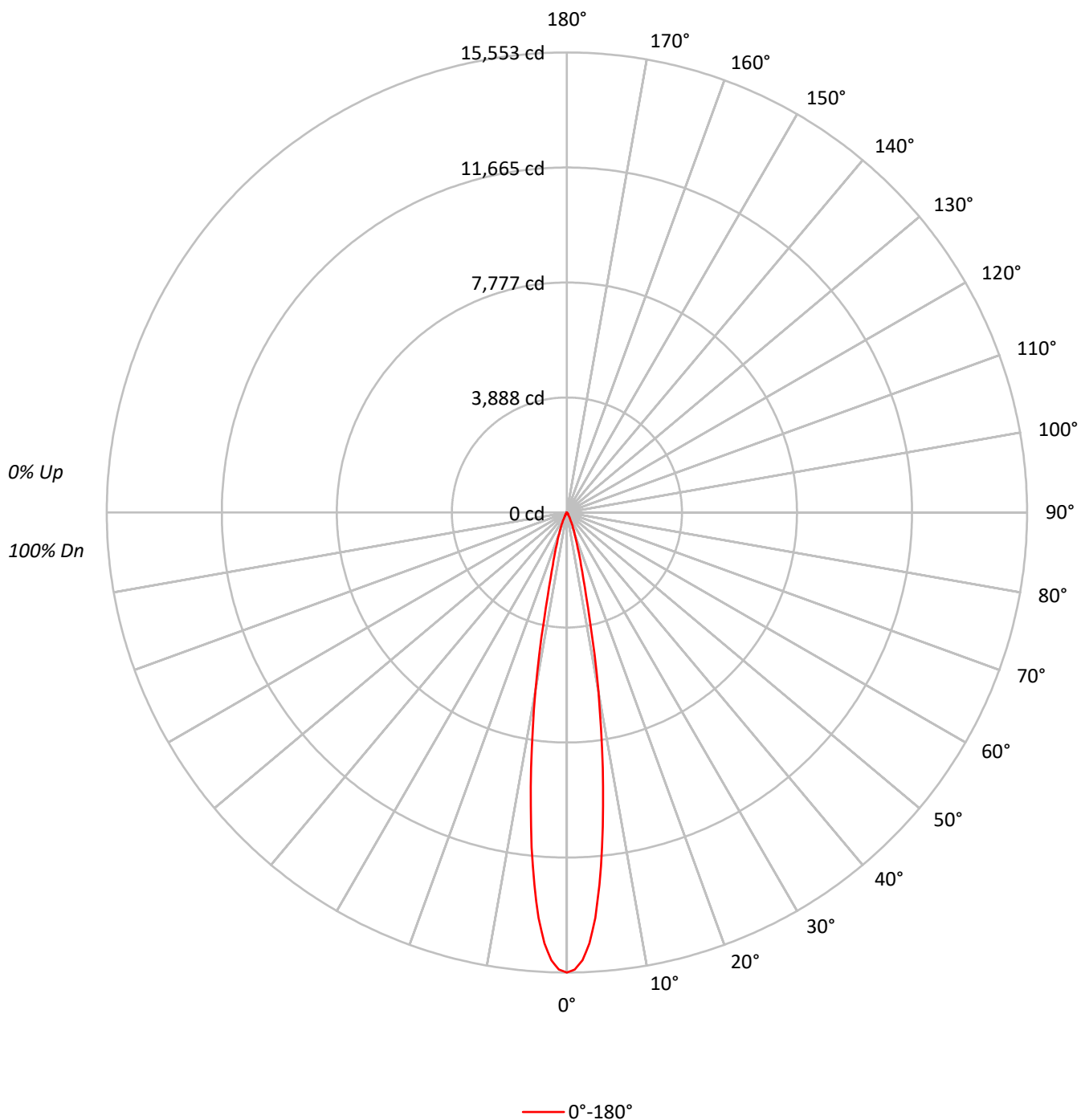
Lumens per Lamp: N/A
Luminaire Lumens: 1791.0 lumens
Efficiency: N/A
Efficacy: 84.5 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1257655

CATALOG NUMBER: P3AS17R159040DE010 E3D1B

Luminous Intensity Polar Plot



TEST NUMBER: P1257655

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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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	116	114	112	111		113	112	110	109		108	107	105		104	103	102		101	100	99
2	112	109	107	105		110	108	105	103		105	103	101		102	100	99		99	98	97
3	110	106	102	100		108	104	102	99		102	100	98		100	98	96		98	96	95
4	107	102	99	96		105	101	98	96		99	97	95		98	96	94		96	94	93
5	105	100	96	94		103	99	96	93		97	94	92		96	93	92		94	93	91
6	102	97	94	91		101	96	93	91		95	92	90		94	92	90		93	91	89
7	100	95	91	89		99	94	91	89		93	90	88		92	90	88		91	89	88
8	98	93	89	87		97	92	89	87		91	89	87		91	88	86		90	88	86
9	96	91	88	85		96	91	87	85		90	87	85		89	87	85		89	86	85
10	95	89	86	84		94	89	86	84		88	85	83		88	85	83		87	85	83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3410516
5°	2781063
10°	1361988
15°	416870
20°	176532
25°	79868
30°	31119
35°	14375
40°	4466
45°	1675
50°	682
55°	268
60°	307
65°	363
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1675 cd/sqm

TEST NUMBER: P1257655

CATALOG NUMBER: P3AS17R159040DE010 E3D1B

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	983.4	54.9
10°-20°	603.5	33.7
20°-30°	162.1	9.1
30°-40°	35.7	2.0
40°-50°	5.0	0.3
50°-60°	0.9	0.1
60°-70°	0.4	0.0
70°-80°	0.0	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°	1749.0	97.7
0°-40°	1784.7	99.6
0°-60°	1790.6	100.0
0°-90°	1791.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1791.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	15553	
5°	12634	983
15°	1836	603
25°	330	162
35°	54	36
45°	5	5
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1257655

CATALOG NUMBER: P3AS17R159040DE010 E3D1B

CANDELA DISTRIBUTION (FULL):

0°	
0°	15553.2
1°	15456.1
2°	15144.4
3°	14582.8
4°	13737.3
5°	12634.4
6°	11386.8
7°	9997.4
8°	8720.6
9°	7367.1
10°	6116.8
11°	4879.5
12°	3754.2
13°	2887.6
14°	2285.9
15°	1836.3
17.5°	1138.2
20°	756.5
22.5°	509.3
25°	330.1
27.5°	195.6
30°	122.9
32.5°	82.9
35°	53.7
37.5°	29.9
40°	15.6
42.5°	8.8
45°	5.4
47.5°	3.4
50°	2.0
52.5°	1.4
55°	0.7
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.0
70°	0.0
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



TEST NUMBER: P1257655
CATALOG NUMBER: P3AS17R159040DE010 E3D1B

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)