

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: P1267344

Luminaire Tested: P3A13R159735DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267344
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: P3A13R159735DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

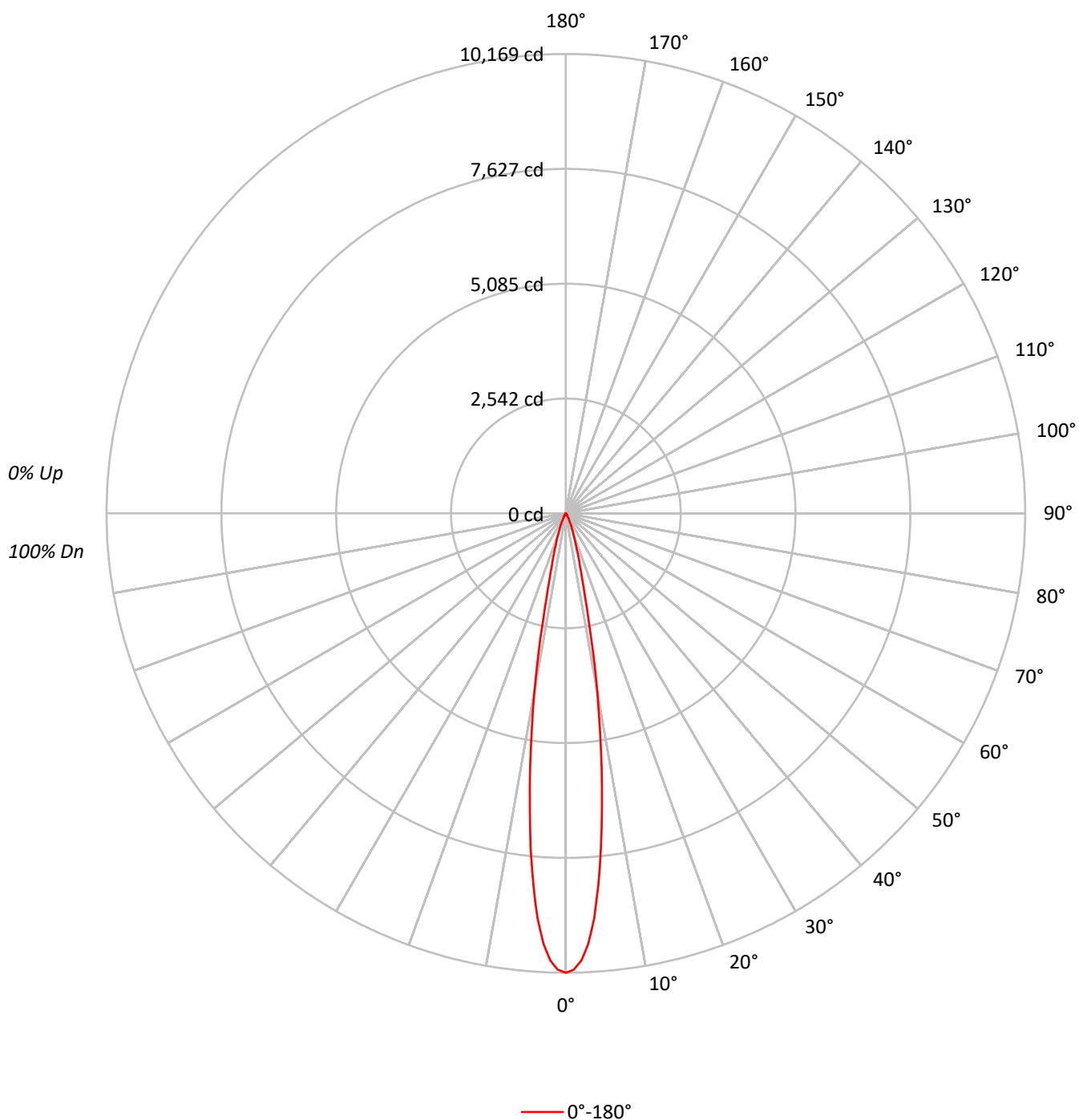
Lumens per Lamp: N/A
Luminaire Lumens: 1171.0 lumens
Efficiency: N/A
Efficacy: 80.2 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1267344

CATALOG NUMBER: P3A13R159735DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1267344

CATALOG NUMBER: P3A13R159735DE010 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	116	114	112	111	113	112	110	109	108	107	105		104	103	102		101
2	112	109	107	105	110	108	105	103	105	103	101		102	100	99		99
3	110	106	102	100	108	104	102	99	102	100	98		100	98	96		98
4	107	102	99	96	106	101	98	96	99	97	95		98	96	94		96
5	105	100	96	94	103	99	96	93	97	94	92		96	93	92		94
6	102	97	94	91	101	96	93	91	95	92	90		94	92	90		93
7	100	95	91	89	99	94	91	89	93	90	88		92	90	88		91
8	98	93	89	87	97	92	89	87	91	89	87		91	88	86		90
9	96	91	88	85	96	91	87	85	90	87	85		89	87	85		89
10	95	89	86	84	94	89	86	84	88	85	83		88	85	83		87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2229887
5°	1818331
10°	890498
15°	272555
20°	115417
25°	52213
30°	20358
35°	9396
40°	2920
45°	1116
50°	443
55°	153
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1116 cd/sqm

TEST NUMBER: P1267344

CATALOG NUMBER: P3A13R159735DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	643.0	54.9
10°-20°	394.6	33.7
20°-30°	106.0	9.1
30°-40°	23.3	2.0
40°-50°	3.3	0.3
50°-60°	0.6	0.0
60°-70°	0.2	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°	1143.5	97.7
0°-40°	1166.9	99.7
0°-60°	1170.7	100.0
0°-90°	1171.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1171.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10169	
5°	8261	643
15°	1201	395
25°	216	106
35°	35	23
45°	4	3
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1267344

CATALOG NUMBER: P3A13R159735DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	10169.1
1°	10105.6
2°	9901.8
3°	9534.6
4°	8981.8
5°	8260.7
6°	7445.0
7°	6536.5
8°	5701.7
9°	4816.8
10°	3999.3
11°	3190.3
12°	2454.6
13°	1888.0
14°	1494.6
15°	1200.6
17.5°	744.2
20°	494.6
22.5°	333.0
25°	215.8
27.5°	127.9
30°	80.4
32.5°	54.2
35°	35.1
37.5°	19.5
40°	10.2
42.5°	5.8
45°	3.6
47.5°	2.2
50°	1.3
52.5°	0.9
55°	0.4
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
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: P1267344
CATALOG NUMBER: P3A13R159735DE010 E3D1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)