

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: P1274958

Luminaire Tested: P3AS02R159835DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274958
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: P3AS02R159835DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

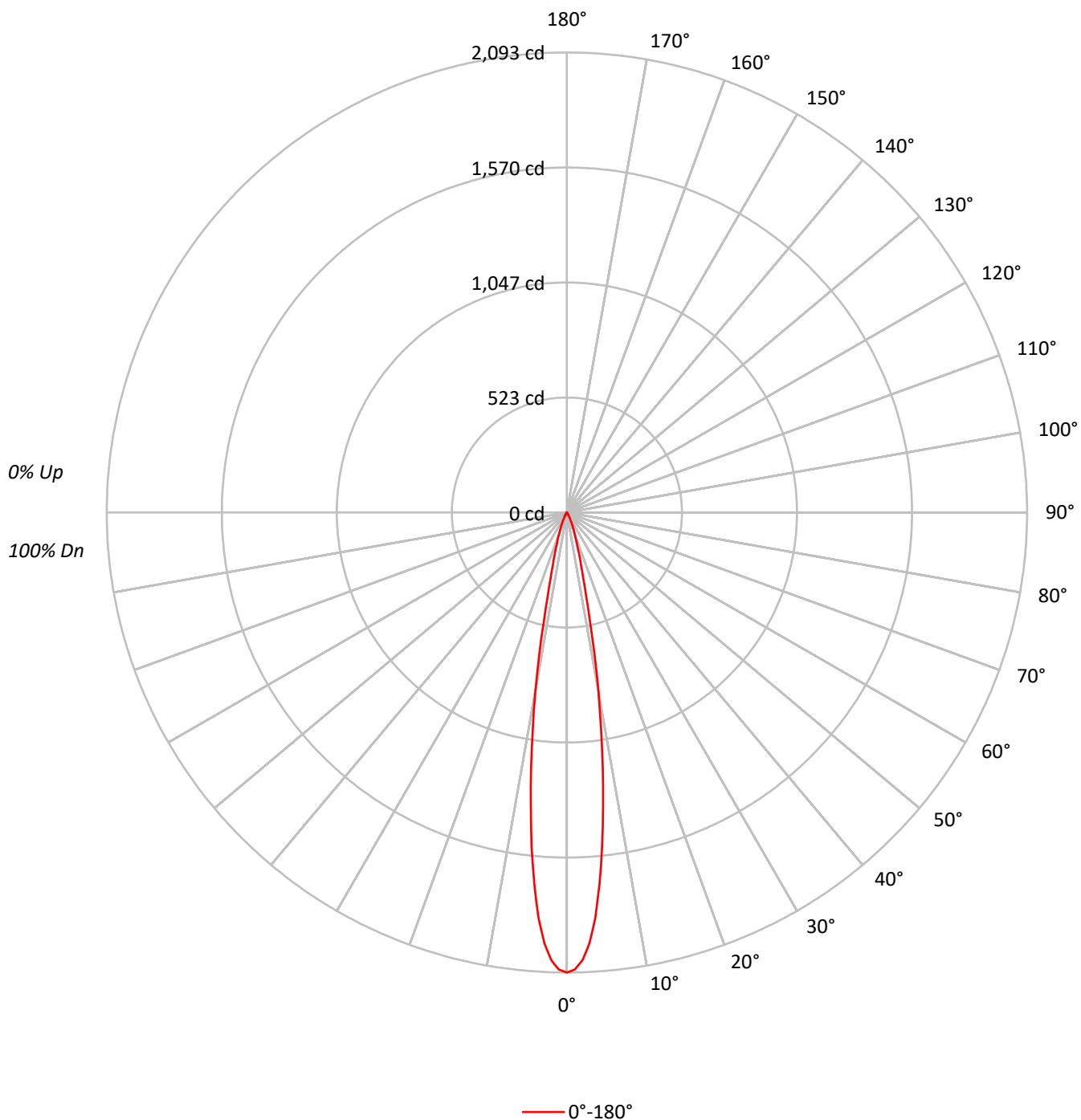
Lumens per Lamp: N/A
Luminaire Lumens: 241.0 lumens
Efficiency: N/A
Efficacy: 66.9 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1274958

CATALOG NUMBER: P3AS02R159835DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1274958

CATALOG NUMBER: P3AS02R159835DE010 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	105	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		88
10	95	89	86	84	94	89	86	84	88	85	83		88	85	83		87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	458933
5°	374223
10°	183274
15°	56096
20°	23755
25°	10743
30°	4178
35°	1927
40°	601
45°	217
50°	102
55°	38
60°	44
65°	52
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 217 cd/sqm

TEST NUMBER: P1274958

CATALOG NUMBER: P3AS02R159835DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.3	54.9
10°-20°	81.2	33.7
20°-30°	21.8	9.0
30°-40°	4.8	2.0
40°-50°	0.7	0.3
50°-60°	0.1	0.1
60°-70°	0.1	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°	235.3	97.7
0°-40°	240.1	99.6
0°-60°	240.9	100.0
0°-90°	241.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	241.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2093	
5°	1700	132
15°	247	81
25°	44	22
35°	7	5
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1274958

CATALOG NUMBER: P3AS02R159835DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

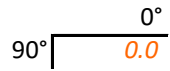
0°	
0°	2092.9
1°	2079.8
2°	2037.9
3°	1962.3
4°	1848.5
5°	1700.1
6°	1532.2
7°	1345.3
8°	1173.5
9°	991.3
10°	823.1
11°	656.6
12°	505.2
13°	388.6
14°	307.6
15°	247.1
17.5°	153.2
20°	101.8
22.5°	68.5
25°	44.4
27.5°	26.3
30°	16.5
32.5°	11.1
35°	7.2
37.5°	4.0
40°	2.1
42.5°	1.2
45°	0.7
47.5°	0.5
50°	0.3
52.5°	0.2
55°	0.1
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
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: P1274958

CATALOG NUMBER: P3AS02R159835DE010 E3D1H

CANDELA DISTRIBUTION (continued):



(END OF REPORT)