

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: P1250683

Luminaire Tested: P3AS02R159030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250683
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

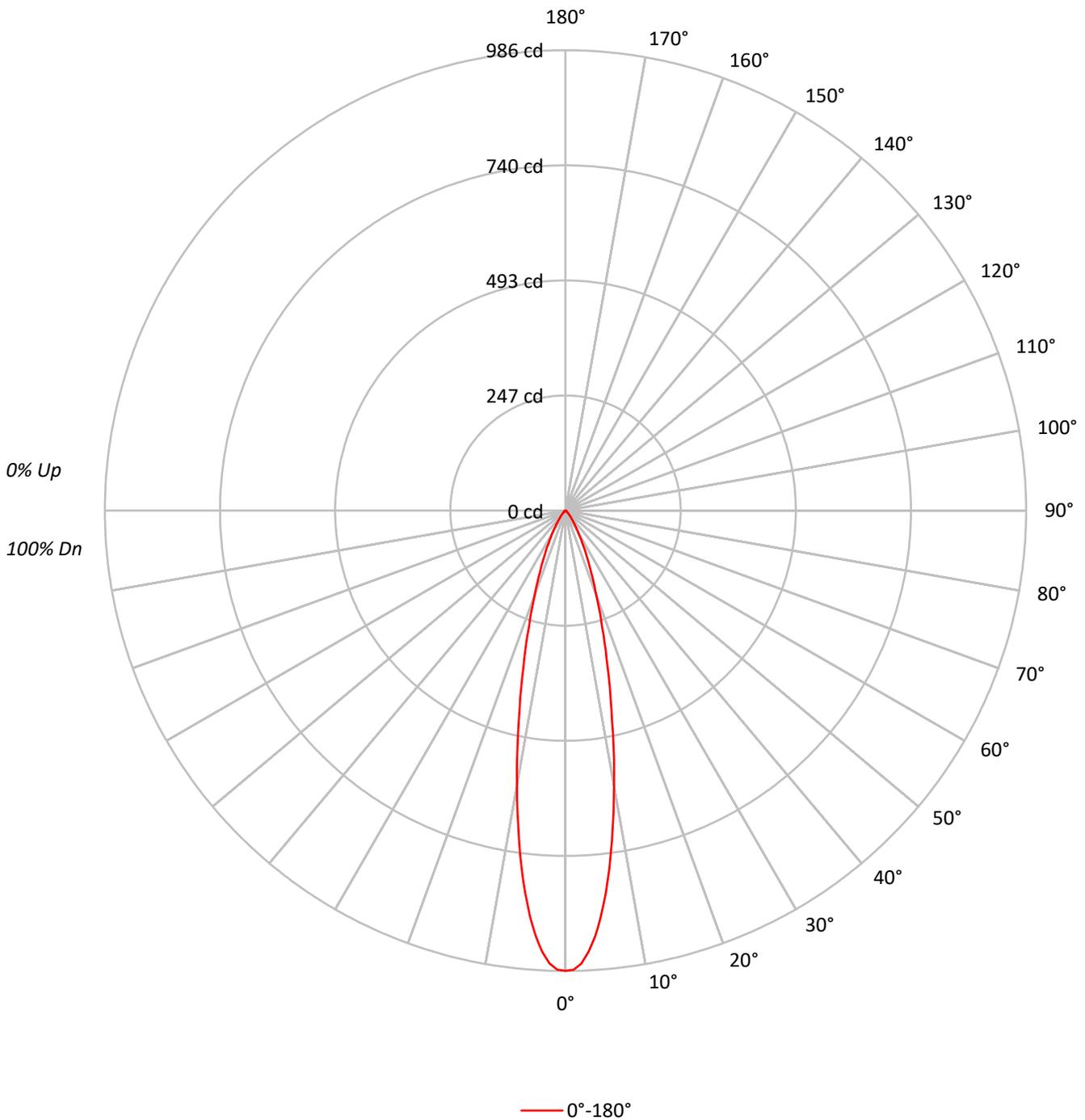
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 253.0 lumens
Efficiency: N/A
Efficacy: 70.3 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
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: P1250683
CATALOG NUMBER: P3AS02R159030DE010 E3DL1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1250683

CATALOG NUMBER: P3AS02R159030DE010 E3DL1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	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	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	80	80	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	74
8	89	81	77	74	88	81	77	73	80	76	73	79	76	73	78	75	73	72	72	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	216123
5°	191855
10°	133220
15°	78797
20°	44874
25°	25647
30°	14205
35°	7576
40°	4179
45°	2264
50°	1399
55°	1109
60°	965
65°	882
70°	769
75°	847
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2264 cd/sqm



TEST NUMBER: P1250683
 CATALOG NUMBER: P3AS02R159030DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.1	29.3
10°-20°	97.8	38.7
20°-30°	50.4	19.9
30°-40°	18.9	7.5
40°-50°	6.2	2.4
50°-60°	2.6	1.0
60°-70°	1.7	0.7
70°-80°	1.0	0.4
80°-90°	0.3	0.1
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°	222.3	87.9
0°-40°	241.2	95.4
0°-60°	250.0	98.8
0°-90°	253.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	253.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	986	
5°	872	74
15°	347	98
25°	106	50
35°	28	19
45°	7	6
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1250683
CATALOG NUMBER: P3AS02R159030DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	985.6
1°	983.7
2°	970.8
3°	946.1
4°	913.7
5°	871.6
6°	823.8
7°	771.4
8°	713.1
9°	655.6
10°	598.3
12.5°	460.4
15°	347.1
17.5°	259.8
20°	192.3
22.5°	143.6
25°	106.0
27.5°	77.3
30°	56.1
32.5°	39.7
35°	28.3
37.5°	20.2
40°	14.6
42.5°	10.5
45°	7.3
47.5°	5.4
50°	4.1
52.5°	3.4
55°	2.9
57.5°	2.4
60°	2.2
62.5°	1.9
65°	1.7
67.5°	1.5
70°	1.2
72.5°	1.2
75°	1.0
77.5°	0.7
80°	0.5
82.5°	0.5
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)