

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: P1275947

Luminaire Tested: P3AS09R659835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275947
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

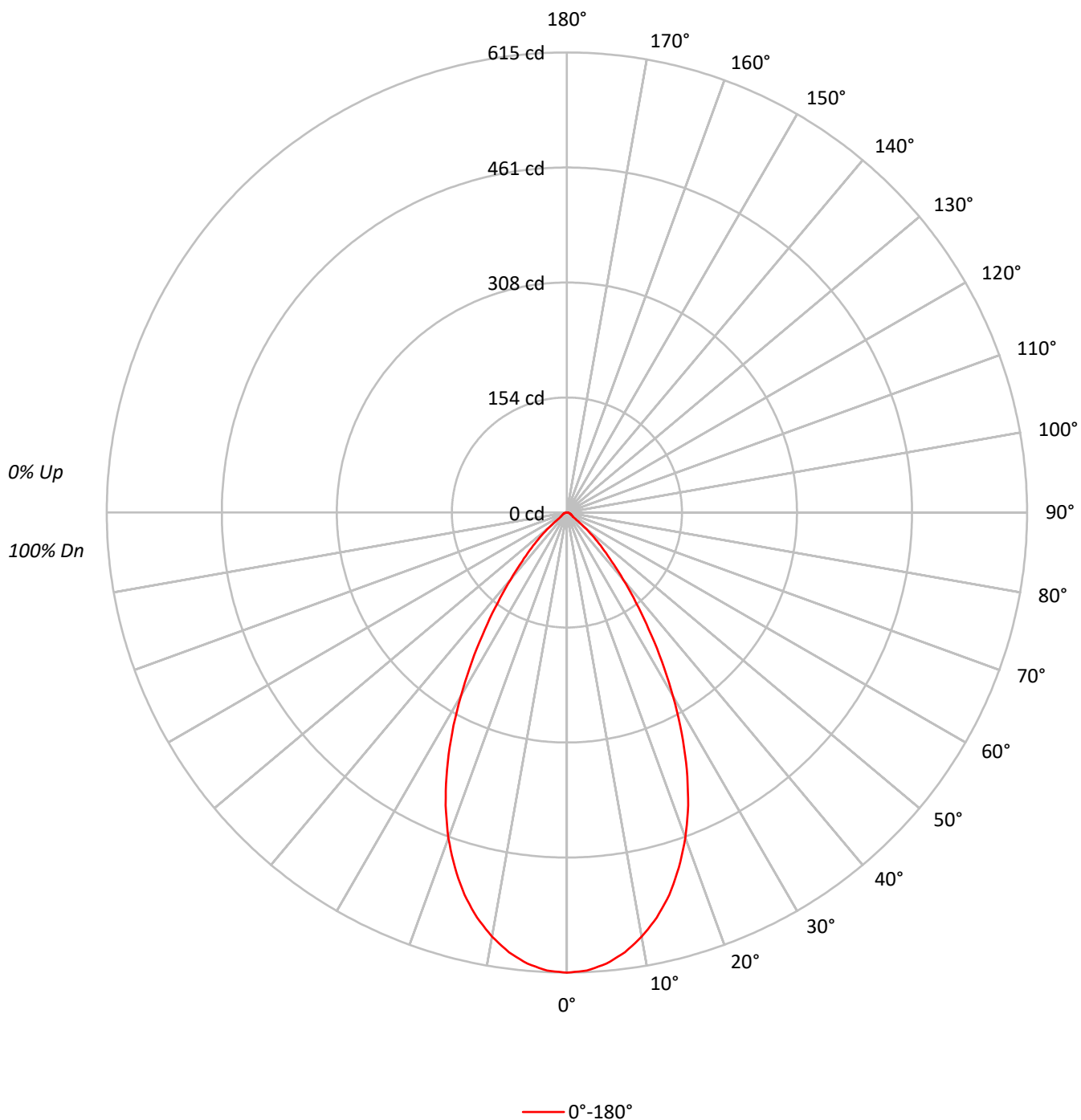
Lumens per Lamp: N/A
Luminaire Lumens: 572.0 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1275947

CATALOG NUMBER: P3AS09R659835DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1275947

CATALOG NUMBER: P3AS09R659835DE010 E3DL1MW

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	134901
5°	133282
10°	128210
15°	120114
20°	108019
25°	91723
30°	71758
35°	51129
40°	33463
45°	20684
50°	10507
55°	3708
60°	3245
65°	3269
70°	2949
75°	2881
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20684 cd/sqm

TEST NUMBER: P1275947

CATALOG NUMBER: P3AS09R659835DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.8	9.9
10°-20°	147.2	25.7
20°-30°	172.1	30.1
30°-40°	120.3	21.0
40°-50°	52.9	9.3
50°-60°	11.8	2.1
60°-70°	6.0	1.0
70°-80°	3.6	0.6
80°-90°	1.2	0.2
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°	376.2	65.8
0°-40°	496.4	86.8
0°-60°	561.2	98.1
0°-90°	572.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	572.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	615	
5°	606	57
15°	529	147
25°	379	172
35°	191	120
45°	67	53
55°	10	12
65°	6	6
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1275947

CATALOG NUMBER: P3AS09R659835DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	615.2
2.5°	612.9
5°	605.5
7.5°	592.9
10°	575.8
12.5°	554.7
15°	529.1
17.5°	497.7
20°	462.9
22.5°	423.6
25°	379.1
27.5°	332.4
30°	283.4
32.5°	236.0
35°	191.0
37.5°	151.7
40°	116.9
42.5°	88.4
45°	66.7
47.5°	49.0
50°	30.8
52.5°	16.0
55°	9.7
57.5°	8.6
60°	7.4
62.5°	6.8
65°	6.3
67.5°	5.1
70°	4.6
72.5°	4.0
75°	3.4
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)