

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: P1275938

Luminaire Tested: P3AS09R659835DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275938
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659835DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

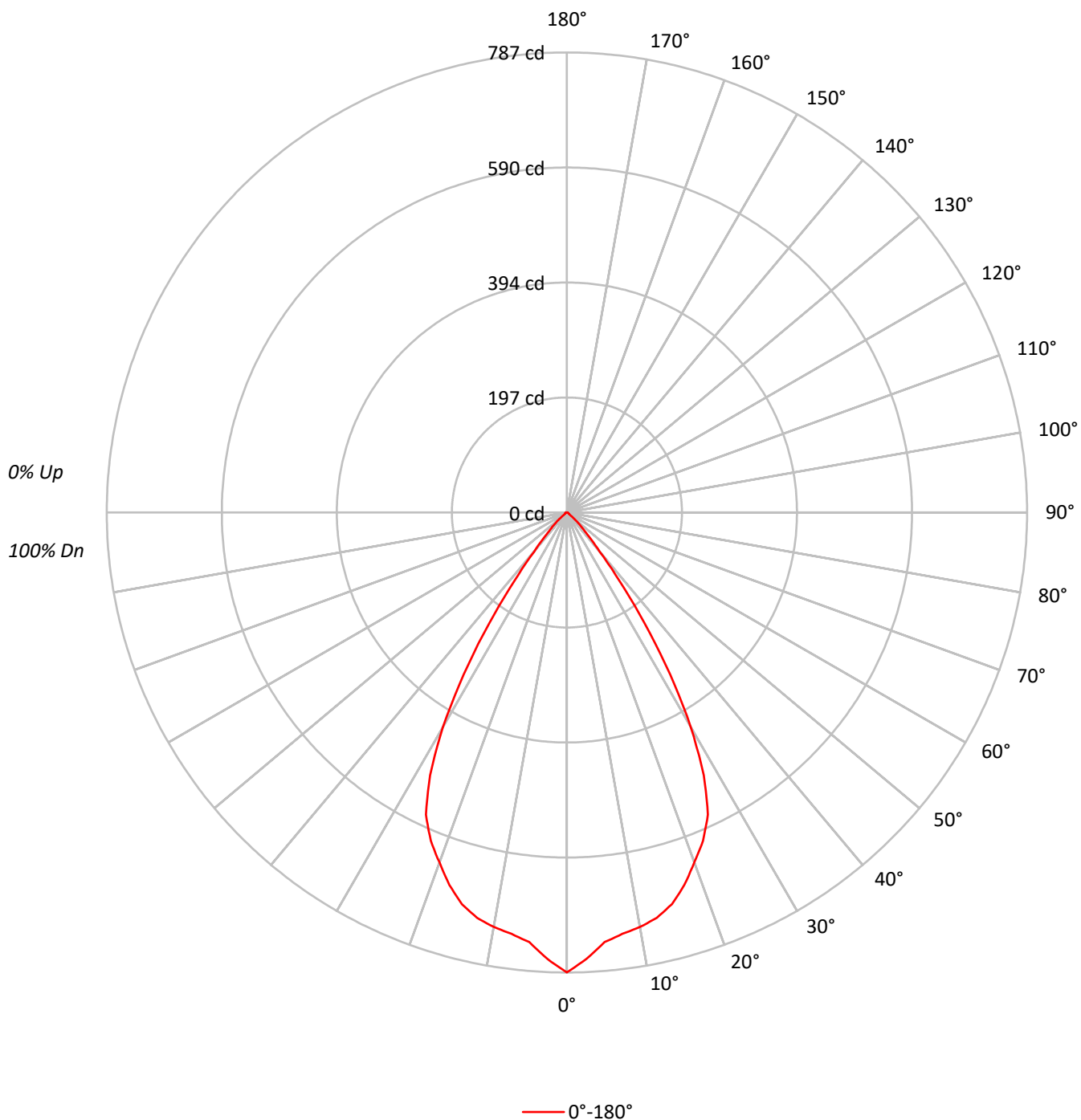
Lumens per Lamp: N/A
Luminaire Lumens: 706.0 lumens
Efficiency: N/A
Efficacy: 64.2 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275938

CATALOG NUMBER: P3AS09R659835DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1275938

CATALOG NUMBER: P3AS09R659835DE010 E3CD1MW

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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172530
5°	162381
10°	160318
15°	157481
20°	148693
25°	138008
30°	107282
35°	62051
40°	25018
45°	11505
50°	4469
55°	1759
60°	1491
65°	1505
70°	1475
75°	1440
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11505 cd/sqm

TEST NUMBER: P1275938

CATALOG NUMBER: P3AS09R659835DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.1	9.9
10°-20°	193.7	27.4
20°-30°	253.6	35.9
30°-40°	146.9	20.8
40°-50°	31.4	4.5
50°-60°	5.1	0.7
60°-70°	2.8	0.4
70°-80°	1.6	0.2
80°-90°	0.6	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°	517.4	73.3
0°-40°	664.3	94.1
0°-60°	700.9	99.3
0°-90°	706.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	706.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	787	
5°	738	70
15°	694	194
25°	570	254
35°	232	147
45°	37	31
55°	5	5
65°	3	3
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1275938

CATALOG NUMBER: P3AS09R659835DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	786.8
2.5°	764.5
5°	737.7
7.5°	726.9
10°	720.0
12.5°	710.3
15°	693.7
17.5°	668.0
20°	637.2
22.5°	608.1
25°	570.4
27.5°	507.0
30°	423.7
32.5°	328.3
35°	231.8
37.5°	146.7
40°	87.4
42.5°	54.8
45°	37.1
47.5°	24.0
50°	13.1
52.5°	6.3
55°	4.6
57.5°	4.0
60°	3.4
62.5°	3.4
65°	2.9
67.5°	2.3
70°	2.3
72.5°	1.7
75°	1.7
77.5°	1.1
80°	1.1
82.5°	0.6
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)