

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: P1272497

Luminaire Tested: P3AS17R659827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272497
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: P3AS17R659827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

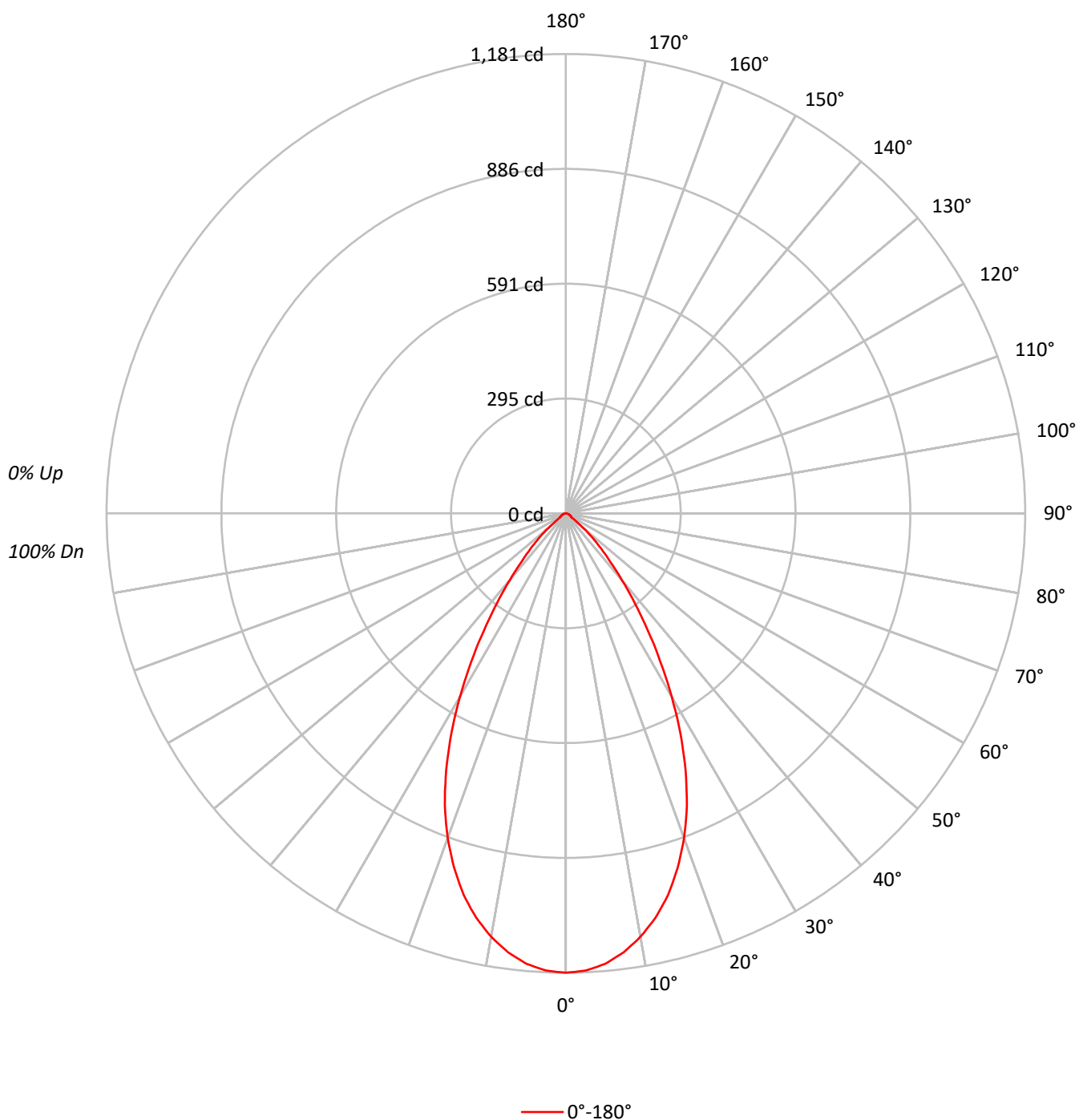
Lumens per Lamp: N/A
Luminaire Lumens: 1098.0 lumens
Efficiency: N/A
Efficacy: 53.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1272497

CATALOG NUMBER: P3AS17R659827DE010 E3DL1MW

Luminous Intensity Polar Plot



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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°	258949
5°	255843
10°	246110
15°	230558
20°	207381
25°	176091
30°	137717
35°	98136
40°	64235
45°	39694
50°	20161
55°	7111
60°	6228
65°	6226
70°	5642
75°	5592
80°	5556
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39694 cd/sqm

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CATALOG NUMBER: P3AS17R659827DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.1	9.9
10°-20°	282.7	25.7
20°-30°	330.3	30.1
30°-40°	230.8	21.0
40°-50°	101.6	9.3
50°-60°	22.6	2.1
60°-70°	11.5	1.0
70°-80°	7.0	0.6
80°-90°	2.4	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°	722.1	65.8
0°-40°	953.0	86.8
0°-60°	1077.1	98.1
0°-90°	1098.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1098.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1181	
5°	1162	109
15°	1016	283
25°	728	330
35°	367	231
45°	128	102
55°	19	23
65°	12	11
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1180.9
2.5°	1176.5
5°	1162.3
7.5°	1138.2
10°	1105.3
12.5°	1064.9
15°	1015.6
17.5°	955.4
20°	888.7
22.5°	813.1
25°	727.8
27.5°	638.0
30°	543.9
32.5°	453.1
35°	366.6
37.5°	291.1
40°	224.4
42.5°	169.6
45°	128.0
47.5°	94.1
50°	59.1
52.5°	30.6
55°	18.6
57.5°	16.4
60°	14.2
62.5°	13.1
65°	12.0
67.5°	9.8
70°	8.8
72.5°	7.7
75°	6.6
77.5°	5.5
80°	4.4
82.5°	3.3
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)