

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: P1272503

Luminaire Tested: P3AS17R659827DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272503
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659827DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

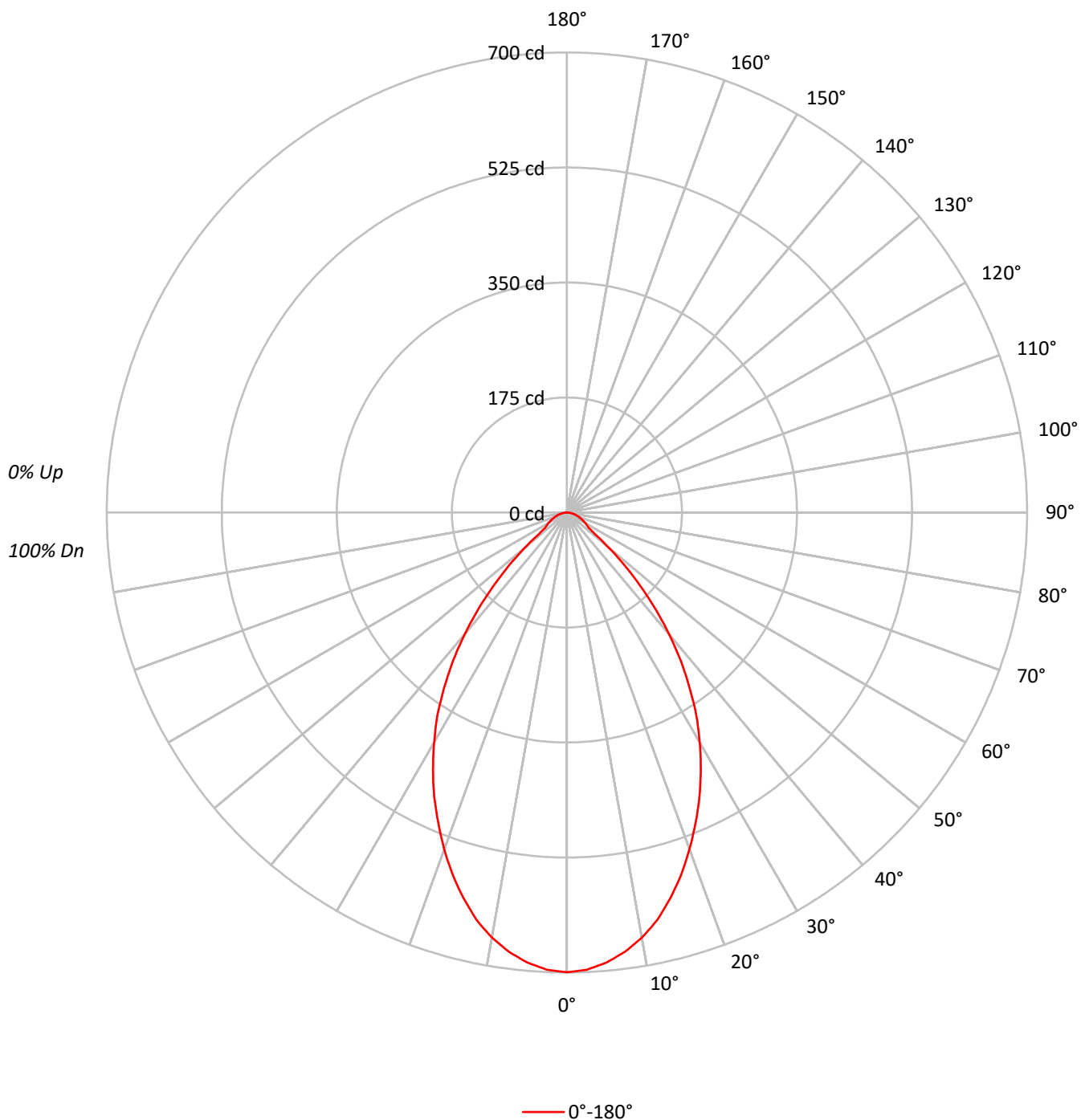
Lumens per Lamp: N/A
Luminaire Lumens: 861.9 lumens
Efficiency: N/A
Efficacy: 42.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	153387
5°	151331
10°	146245
15°	137935
20°	127224
25°	115482
30°	102294
35°	87027
40°	69244
45°	48873
50°	28383
55°	15483
60°	14385
65°	13075
70°	11925
75°	11099
80°	9723
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48873 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.7	7.5
10°-20°	170.0	19.7
20°-30°	218.5	25.3
30°-40°	202.1	23.4
40°-50°	122.0	14.2
50°-60°	41.6	4.8
60°-70°	25.1	2.9
70°-80°	14.1	1.6
80°-90°	4.0	0.5
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°	453.1	52.6
0°-40°	655.2	76.0
0°-60°	818.7	95.0
0°-90°	861.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	861.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	700	
5°	688	65
15°	608	170
25°	477	218
35°	325	202
45°	158	122
55°	40	42
65°	25	25
75°	13	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	699.5
2.5°	696.3
5°	687.5
7.5°	674.4
10°	656.8
12.5°	635.0
15°	607.6
17.5°	578.0
20°	545.2
22.5°	511.2
25°	477.3
27.5°	441.2
30°	404.0
32.5°	366.7
35°	325.1
37.5°	284.6
40°	241.9
42.5°	199.2
45°	157.6
47.5°	119.3
50°	83.2
52.5°	52.5
55°	40.5
57.5°	36.1
60°	32.8
62.5°	28.5
65°	25.2
67.5°	21.9
70°	18.6
72.5°	16.4
75°	13.1
77.5°	10.9
80°	7.7
82.5°	5.5
85°	3.3
87.5°	2.2
90°	0.0

(END OF REPORT)