

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: P1272212

Luminaire Tested: P3AS17R159827DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272212
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159827DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

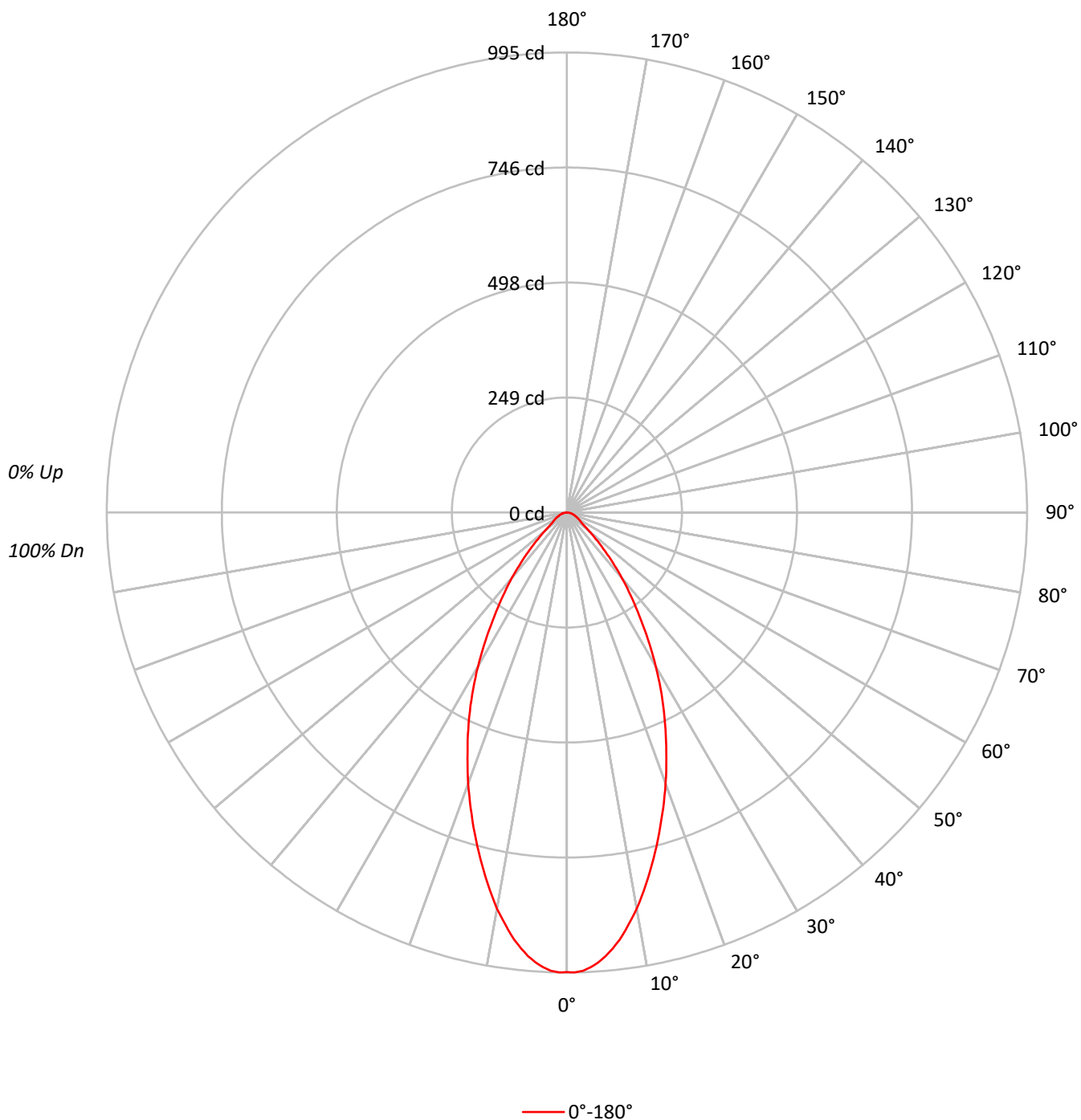
Lumens per Lamp: N/A
Luminaire Lumens: 864.1 lumens
Efficiency: N/A
Efficacy: 42.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	217943
5°	212018
10°	193762
15°	169717
20°	145589
25°	121555
30°	97281
35°	72946
40°	52956
45°	34608
50°	21662
55°	14642
60°	12981
65°	11934
70°	11220
75°	10167
80°	9723
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34608 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.9	10.3
10°-20°	208.3	24.1
20°-30°	229.5	26.6
30°-40°	171.9	19.9
40°-50°	89.1	10.3
50°-60°	36.9	4.3
60°-70°	22.9	2.6
70°-80°	12.8	1.5
80°-90°	3.7	0.4
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°	526.7	61.0
0°-40°	698.6	80.8
0°-60°	824.6	95.4
0°-90°	864.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	864.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	994	
5°	963	89
15°	748	208
25°	502	230
35°	272	172
45°	112	89
55°	38	37
65°	23	23
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	993.9
1°	994.9
2°	991.7
3°	985.1
4°	975.2
5°	963.2
6°	947.9
7°	931.5
8°	911.8
9°	891.0
10°	870.2
12.5°	810.0
15°	747.6
17.5°	685.2
20°	623.9
22.5°	561.5
25°	502.4
27.5°	443.3
30°	384.2
32.5°	326.2
35°	272.5
37.5°	226.6
40°	185.0
42.5°	146.7
45°	111.6
47.5°	84.3
50°	63.5
52.5°	47.1
55°	38.3
57.5°	33.9
60°	29.6
62.5°	26.3
65°	23.0
67.5°	19.7
70°	17.5
72.5°	14.2
75°	12.0
77.5°	9.9
80°	7.7
82.5°	5.5
85°	3.3
87.5°	1.1
90°	0.0

(END OF REPORT)