

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: P1272557

Luminaire Tested: P3AS20R159827D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272557
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: P3AS20R159827D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

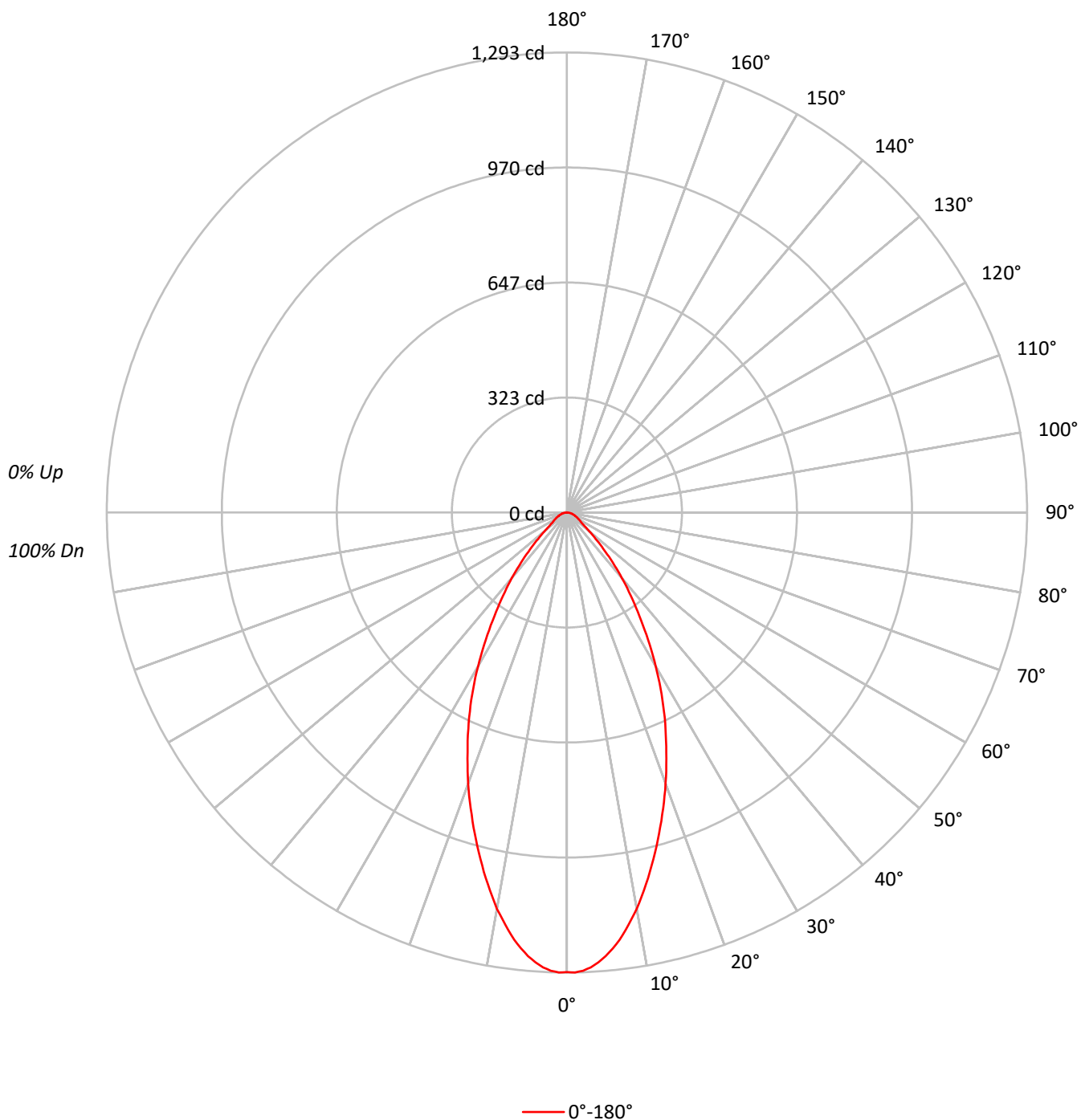
Lumens per Lamp: N/A
Luminaire Lumens: 1123.0 lumens
Efficiency: N/A
Efficacy: 41.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	71	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°	283267
5°	275566
10°	251832
15°	220592
20°	189226
25°	157993
30°	126450
35°	94817
40°	68815
45°	44997
50°	28144
55°	19039
60°	16841
65°	15514
70°	14618
75°	13217
80°	12628
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44997 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.5	10.3
10°-20°	270.7	24.1
20°-30°	298.3	26.6
30°-40°	223.4	19.9
40°-50°	115.8	10.3
50°-60°	48.0	4.3
60°-70°	29.7	2.6
70°-80°	16.7	1.5
80°-90°	4.8	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°	684.6	61.0
0°-40°	908.0	80.9
0°-60°	1071.7	95.4
0°-90°	1123.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1123.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1292	
5°	1252	116
15°	972	271
25°	653	298
35°	354	223
45°	145	116
55°	50	48
65°	30	30
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1291.8
1°	1293.2
2°	1288.9
3°	1280.4
4°	1267.6
5°	1251.9
6°	1232.0
7°	1210.7
8°	1185.1
9°	1158.0
10°	1131.0
12.5°	1052.8
15°	971.7
17.5°	890.6
20°	810.9
22.5°	729.8
25°	653.0
27.5°	576.2
30°	499.4
32.5°	424.0
35°	354.2
37.5°	294.5
40°	240.4
42.5°	190.6
45°	145.1
47.5°	109.5
50°	82.5
52.5°	61.2
55°	49.8
57.5°	44.1
60°	38.4
62.5°	34.1
65°	29.9
67.5°	25.6
70°	22.8
72.5°	18.5
75°	15.6
77.5°	12.8
80°	10.0
82.5°	7.1
85°	4.3
87.5°	1.4
90°	0.0

(END OF REPORT)