

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: P1249112

Luminaire Tested: P3AS10R129027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249112
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: P3AS10R129027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

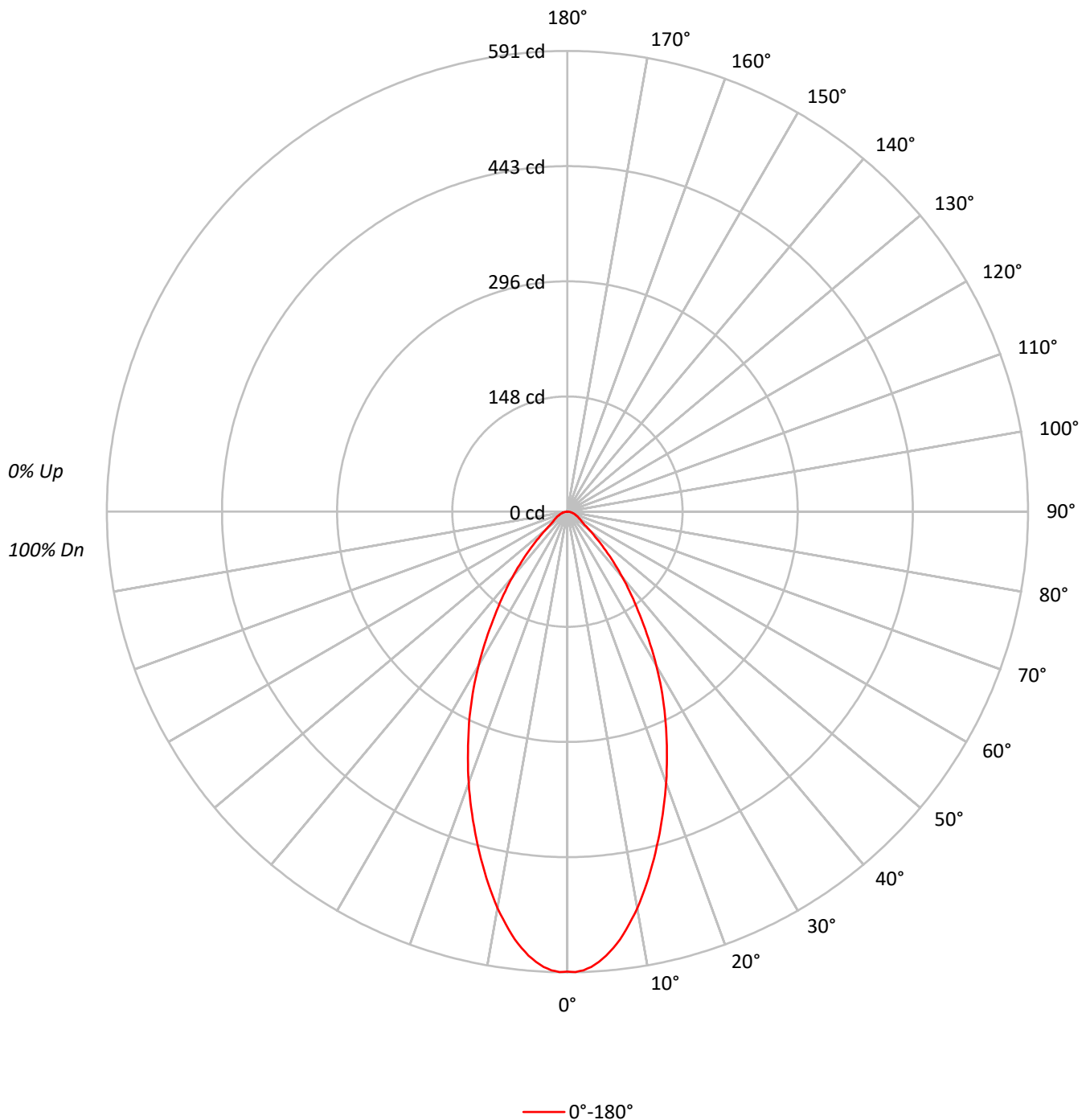
Lumens per Lamp: N/A
Luminaire Lumens: 512.8 lumens
Efficiency: N/A
Efficacy: 43.8 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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	107	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	68		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	70	63	58	78	69	63	58	67	62	58		66	61	58		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°	129398
5°	125886
10°	115050
15°	100772
20°	86434
25°	72174
30°	57756
35°	43313
40°	31430
45°	20560
50°	12861
55°	8678
60°	7675
65°	7057
70°	6668
75°	6015
80°	5683
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	10.3
10°-20°	123.7	24.1
20°-30°	136.3	26.6
30°-40°	102.0	19.9
40°-50°	52.9	10.3
50°-60°	21.9	4.3
60°-70°	13.6	2.6
70°-80°	7.6	1.5
80°-90°	2.2	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°	312.7	61.0
0°-40°	414.8	80.9
0°-60°	489.5	95.5
0°-90°	512.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	512.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	590	
5°	572	53
15°	444	124
25°	298	136
35°	162	102
45°	66	53
55°	23	22
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	590.1
1°	590.8
2°	588.8
3°	584.9
4°	579.1
5°	571.9
6°	562.8
7°	553.1
8°	541.4
9°	529.0
10°	516.7
12.5°	480.9
15°	443.9
17.5°	406.8
20°	370.4
22.5°	333.4
25°	298.3
27.5°	263.2
30°	228.1
32.5°	193.7
35°	161.8
37.5°	134.5
40°	109.8
42.5°	87.1
45°	66.3
47.5°	50.0
50°	37.7
52.5°	27.9
55°	22.7
57.5°	20.1
60°	17.5
62.5°	15.6
65°	13.6
67.5°	11.7
70°	10.4
72.5°	8.4
75°	7.1
77.5°	5.8
80°	4.5
82.5°	3.2
85°	1.9
87.5°	0.6
90°	0.0

(END OF REPORT)