

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: P1251818

Luminaire Tested: P3AS10R129030DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251818
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: P3AS10R129030DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

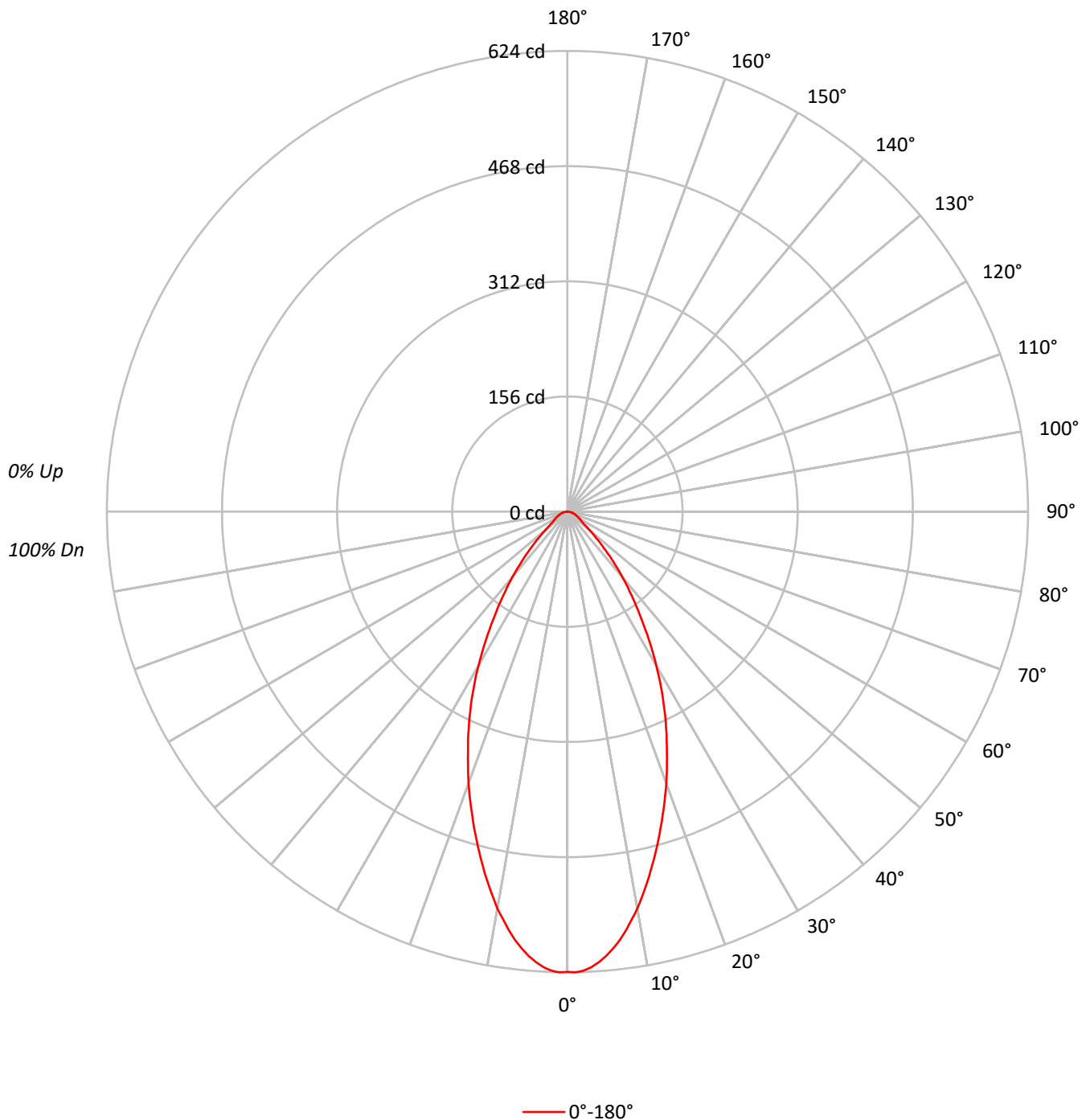
Lumens per Lamp: N/A
Luminaire Lumens: 542.0 lumens
Efficiency: N/A
Efficacy: 46.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	136722
5°	132995
10°	121552
15°	106471
20°	91335
25°	76262
30°	61022
35°	45775
40°	33205
45°	21708
50°	13577
55°	9175
60°	8113
65°	7472
70°	7052
75°	6439
80°	6061
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21708 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.8	10.3
10°-20°	130.7	24.1
20°-30°	144.0	26.6
30°-40°	107.8	19.9
40°-50°	55.9	10.3
50°-60°	23.1	4.3
60°-70°	14.4	2.6
70°-80°	8.1	1.5
80°-90°	2.3	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°	330.4	61.0
0°-40°	438.2	80.9
0°-60°	517.2	95.4
0°-90°	542.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	542.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	624	
5°	604	56
15°	469	131
25°	315	144
35°	171	108
45°	70	56
55°	24	23
65°	14	14
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	623.5
1°	624.1
2°	622.1
3°	618.0
4°	611.8
5°	604.2
6°	594.6
7°	584.3
8°	572.0
9°	558.9
10°	545.9
12.5°	508.1
15°	469.0
17.5°	429.8
20°	391.4
22.5°	352.2
25°	315.2
27.5°	278.1
30°	241.0
32.5°	204.6
35°	171.0
37.5°	142.1
40°	116.0
42.5°	92.0
45°	70.0
47.5°	52.9
50°	39.8
52.5°	29.5
55°	24.0
57.5°	21.3
60°	18.5
62.5°	16.5
65°	14.4
67.5°	12.4
70°	11.0
72.5°	8.9
75°	7.6
77.5°	6.2
80°	4.8
82.5°	3.4
85°	2.1
87.5°	0.7
90°	0.0

(END OF REPORT)