

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: P1257639

Luminaire Tested: P3AS17R129040DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257639
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: P3AS17R129040DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

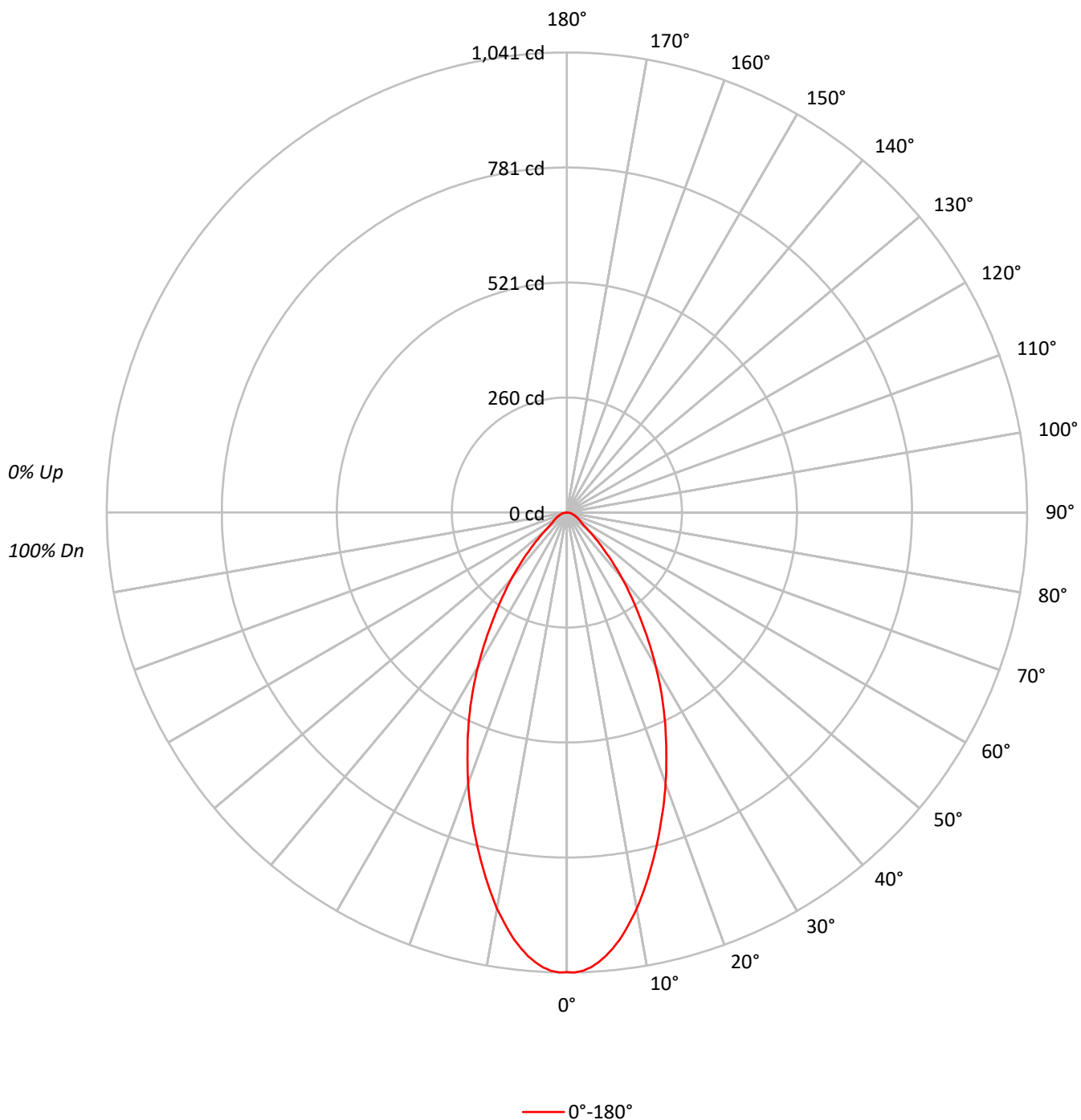
Lumens per Lamp: N/A
Luminaire Lumens: 904.0 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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	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°	228030
5°	221835
10°	202735
15°	177572
20°	152333
25°	127193
30°	101788
35°	76346
40°	55389
45°	36221
50°	22652
55°	15330
60°	13552
65°	12453
70°	11733
75°	10675
80°	10102
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36221 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.0	10.3
10°-20°	217.9	24.1
20°-30°	240.1	26.6
30°-40°	179.8	19.9
40°-50°	93.2	10.3
50°-60°	38.6	4.3
60°-70°	23.9	2.6
70°-80°	13.4	1.5
80°-90°	3.9	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°	551.1	61.0
0°-40°	730.9	80.9
0°-60°	862.8	95.4
0°-90°	904.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	904.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1040	
5°	1008	93
15°	782	218
25°	526	240
35°	285	180
45°	117	93
55°	40	39
65°	24	24
75°	13	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1039.9
1°	1041.0
2°	1037.6
3°	1030.7
4°	1020.4
5°	1007.8
6°	991.8
7°	974.6
8°	954.0
9°	932.2
10°	910.5
12.5°	847.5
15°	782.2
17.5°	716.9
20°	652.8
22.5°	587.5
25°	525.7
27.5°	463.8
30°	402.0
32.5°	341.3
35°	285.2
37.5°	237.1
40°	193.5
42.5°	153.5
45°	116.8
47.5°	88.2
50°	66.4
52.5°	49.2
55°	40.1
57.5°	35.5
60°	30.9
62.5°	27.5
65°	24.0
67.5°	20.6
70°	18.3
72.5°	14.9
75°	12.6
77.5°	10.3
80°	8.0
82.5°	5.7
85°	3.4
87.5°	1.1
90°	0.0

(END OF REPORT)