

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: P1257819

Luminaire Tested: P3AS17R409040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257819
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

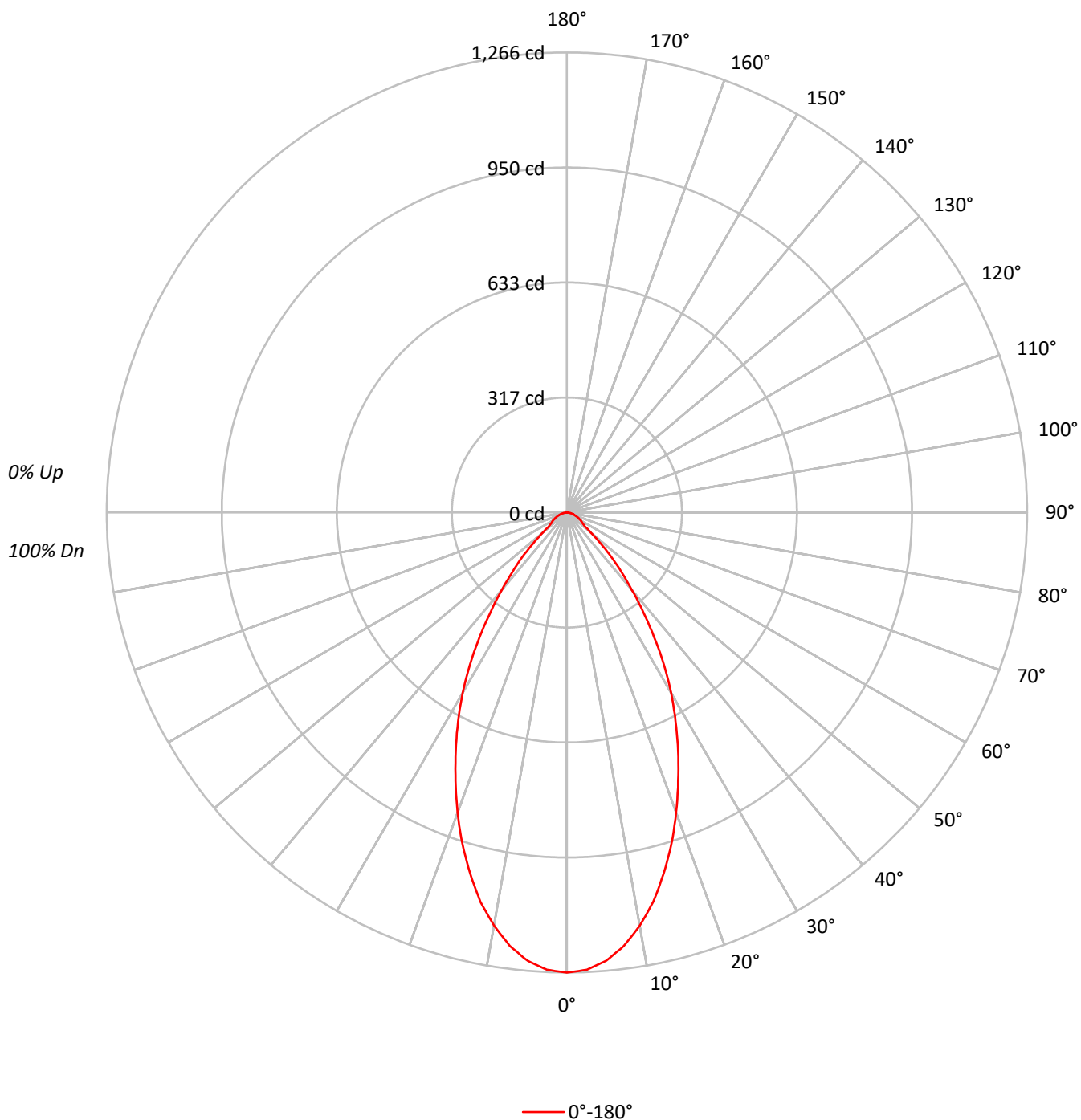
Lumens per Lamp: N/A
Luminaire Lumens: 1237.0 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	277675
5°	272639
10°	256998
15°	233441
20°	205071
25°	175123
30°	145086
35°	111895
40°	79635
45°	53649
50°	29270
55°	20644
60°	19428
65°	17953
70°	15964
75°	15250
80°	12249
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 53649 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.5	9.3
10°-20°	286.4	23.2
20°-30°	331.1	26.8
30°-40°	261.0	21.1
40°-50°	133.9	10.8
50°-60°	51.2	4.1
60°-70°	33.9	2.7
70°-80°	18.4	1.5
80°-90°	5.5	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°	733.1	59.3
0°-40°	994.1	80.4
0°-60°	1179.2	95.3
0°-90°	1237.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1237.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1266	
5°	1239	116
15°	1028	286
25°	724	331
35°	418	261
45°	173	134
55°	54	51
65°	35	34
75°	18	18
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1266.3
2.5°	1259.4
5°	1238.6
7.5°	1202.7
10°	1154.2
12.5°	1097.5
15°	1028.3
17.5°	956.3
20°	878.8
22.5°	799.9
25°	723.8
27.5°	647.7
30°	573.0
32.5°	496.8
35°	418.0
37.5°	344.6
40°	278.2
42.5°	221.4
45°	173.0
47.5°	125.9
50°	85.8
52.5°	62.3
55°	54.0
57.5°	48.4
60°	44.3
62.5°	38.8
65°	34.6
67.5°	29.1
70°	24.9
72.5°	20.8
75°	18.0
77.5°	13.8
80°	9.7
82.5°	8.3
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)