

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: P1257902

Luminaire Tested: P3AS17R559040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257902
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

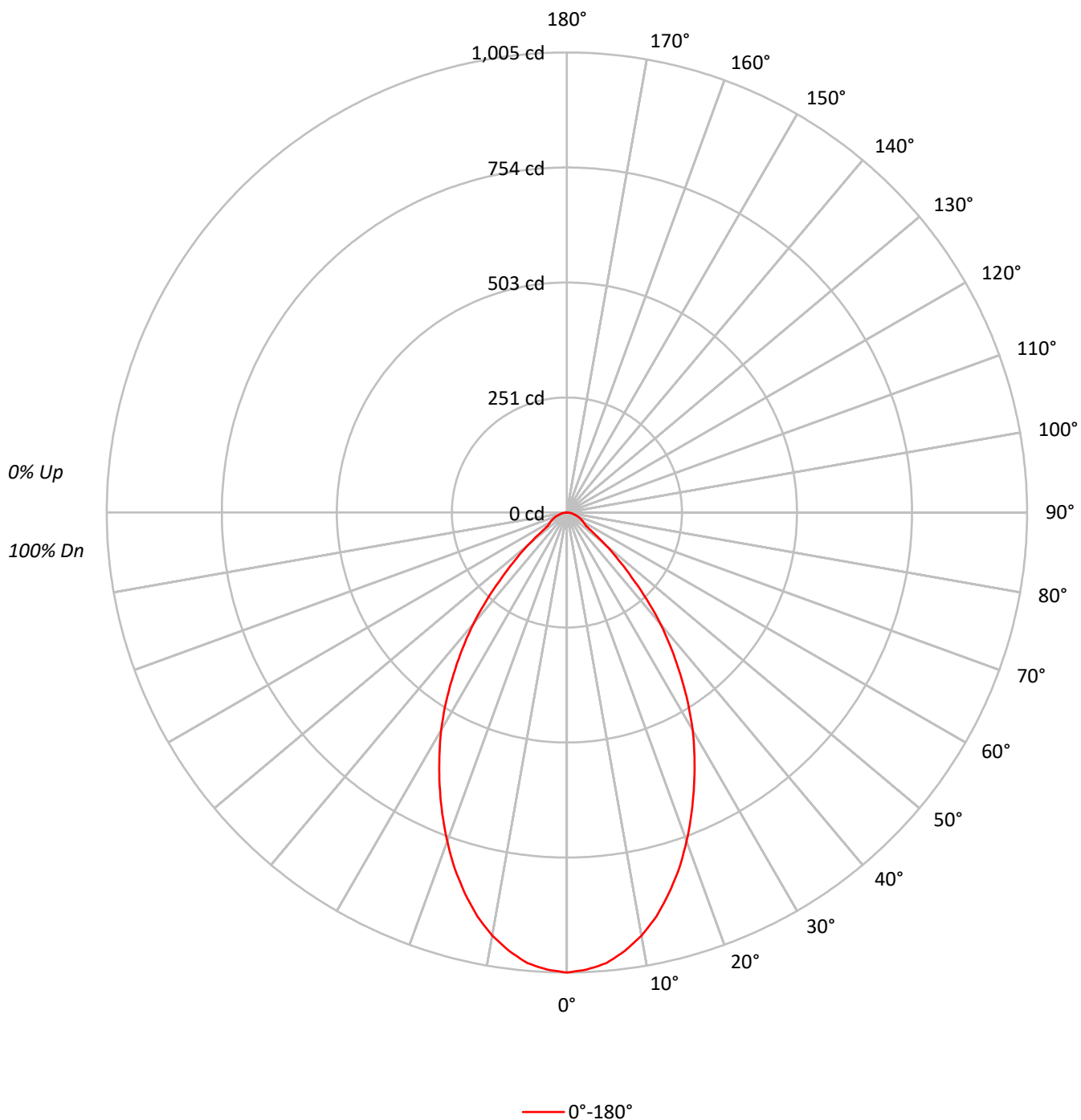
Lumens per Lamp: N/A
Luminaire Lumens: 1172.0 lumens
Efficiency: N/A
Efficacy: 55.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	220377
5°	217543
10°	208970
15°	195461
20°	178306
25°	159082
30°	139135
35°	115616
40°	91142
45°	61805
50°	37764
55°	19574
60°	18200
65°	17226
70°	15964
75°	14064
80°	14017
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 61805 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.7	7.9
10°-20°	240.6	20.5
20°-30°	301.3	25.7
30°-40°	269.0	23.0
40°-50°	157.5	13.4
50°-60°	54.4	4.6
60°-70°	32.9	2.8
70°-80°	18.2	1.6
80°-90°	5.3	0.5
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°	634.7	54.2
0°-40°	903.7	77.1
0°-60°	1115.6	95.2
0°-90°	1172.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1172.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1005	
5°	988	93
15°	861	241
25°	658	301
35°	432	269
45°	199	158
55°	51	54
65°	33	33
75°	17	18
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1005.0
2.5°	999.4
5°	988.3
7.5°	966.2
10°	938.5
12.5°	903.9
15°	861.0
17.5°	815.3
20°	764.1
22.5°	711.5
25°	657.5
27.5°	603.5
30°	549.5
32.5°	491.4
35°	431.9
37.5°	373.7
40°	318.4
42.5°	258.9
45°	199.3
47.5°	152.3
50°	110.7
52.5°	72.0
55°	51.2
57.5°	45.7
60°	41.5
62.5°	37.4
65°	33.2
67.5°	29.1
70°	24.9
72.5°	20.8
75°	16.6
77.5°	13.8
80°	11.1
82.5°	6.9
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)