

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: P1260499

Luminaire Tested: P3AS17R559050DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260499
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: P3AS17R559050DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

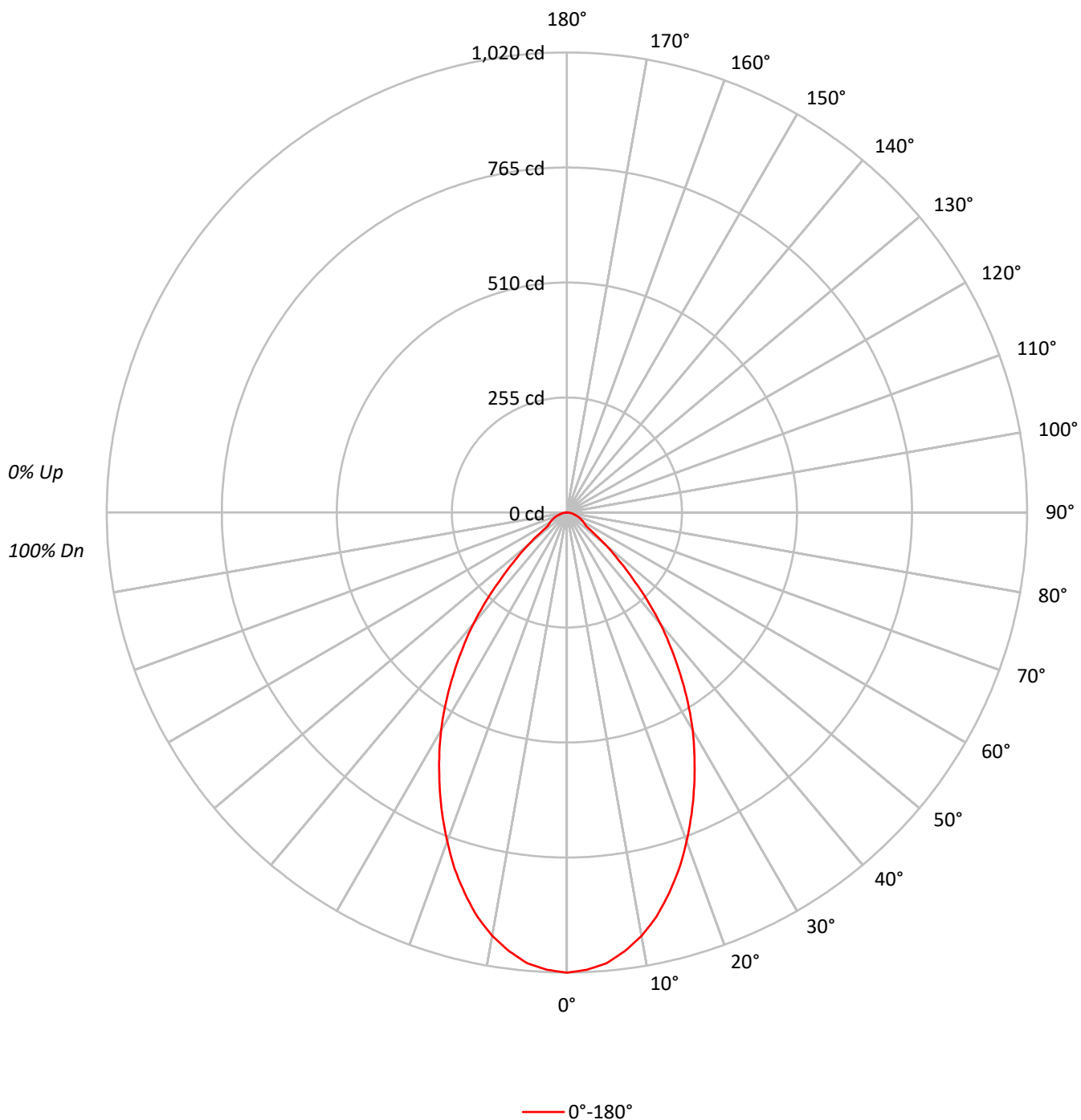
Lumens per Lamp: N/A
Luminaire Lumens: 1190.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	223754
5°	220889
10°	212176
15°	198457
20°	181036
25°	161525
30°	141288
35°	117383
40°	92545
45°	62766
50°	38344
55°	19880
60°	18507
65°	17486
70°	16221
75°	14318
80°	14143
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62766 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.1	7.9
10°-20°	244.3	20.5
20°-30°	306.0	25.7
30°-40°	273.1	23.0
40°-50°	159.9	13.4
50°-60°	55.3	4.6
60°-70°	33.4	2.8
70°-80°	18.6	1.6
80°-90°	5.3	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°	644.4	54.2
0°-40°	917.6	77.1
0°-60°	1132.7	95.2
0°-90°	1190.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1190.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1020	
5°	1004	94
15°	874	244
25°	668	306
35°	438	273
45°	202	160
55°	52	55
65°	34	33
75°	17	19
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1020.4
2.5°	1014.8
5°	1003.5
7.5°	981.0
10°	952.9
12.5°	917.8
15°	874.2
17.5°	827.8
20°	775.8
22.5°	722.4
25°	667.6
27.5°	612.8
30°	558.0
32.5°	498.9
35°	438.5
37.5°	379.5
40°	323.3
42.5°	262.8
45°	202.4
47.5°	154.6
50°	112.4
52.5°	73.1
55°	52.0
57.5°	46.4
60°	42.2
62.5°	37.9
65°	33.7
67.5°	29.5
70°	25.3
72.5°	21.1
75°	16.9
77.5°	14.1
80°	11.2
82.5°	7.0
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)