

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: P1249778

Luminaire Tested: P3AS17R559027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249778
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: P3AS17R559027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

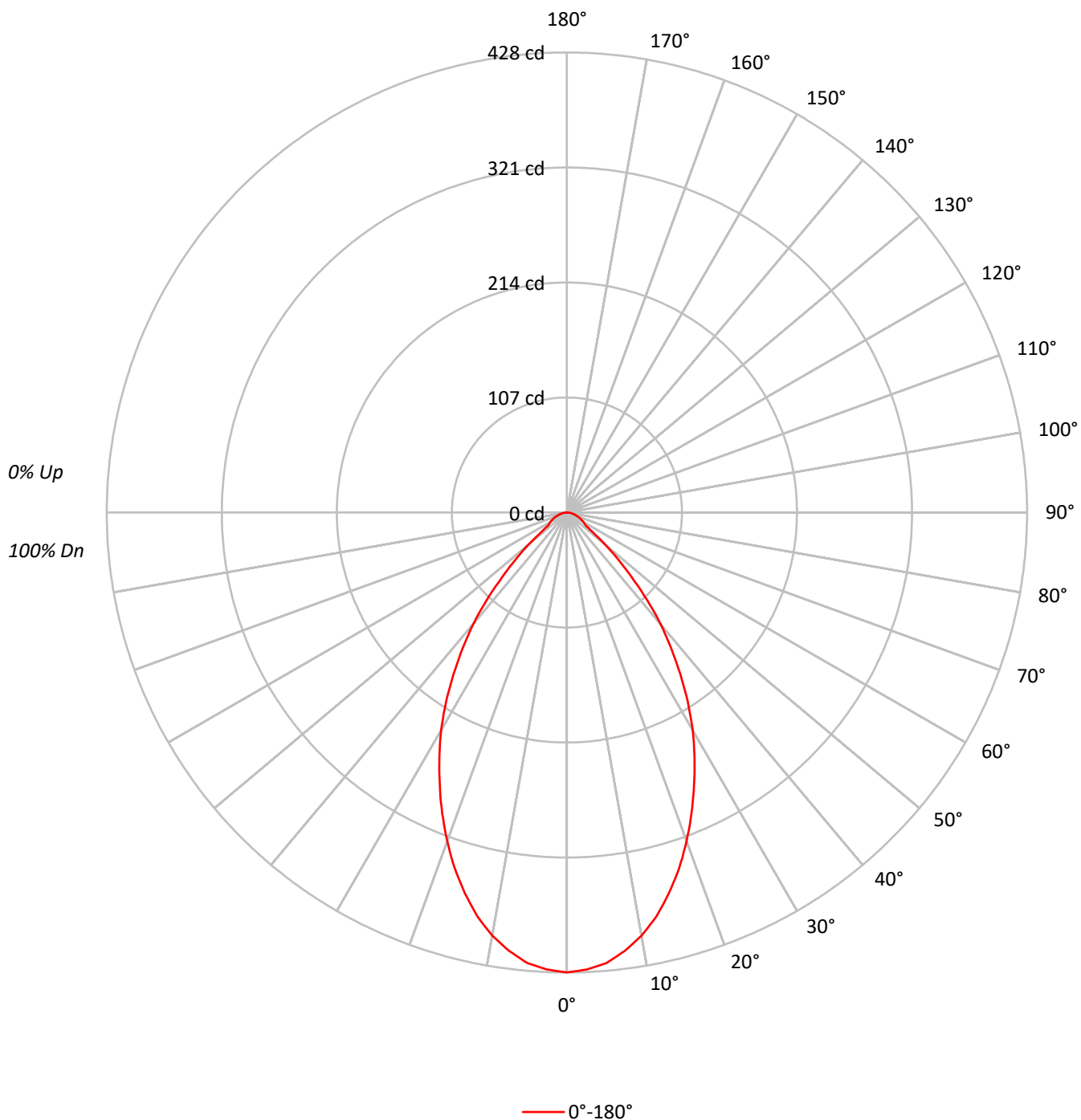
Lumens per Lamp: N/A
Luminaire Lumens: 499.0 lumens
Efficiency: N/A
Efficacy: 23.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	93830
5°	92626
10°	88976
15°	83224
20°	75910
25°	67722
30°	59250
35°	49229
40°	38816
45°	26328
50°	16068
55°	8334
60°	7763
65°	7316
70°	6796
75°	6015
80°	5935
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26328 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.5	7.9
10°-20°	102.5	20.5
20°-30°	128.3	25.7
30°-40°	114.5	23.0
40°-50°	67.1	13.4
50°-60°	23.1	4.6
60°-70°	14.0	2.8
70°-80°	7.8	1.6
80°-90°	2.2	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°	270.2	54.2
0°-40°	384.8	77.1
0°-60°	475.0	95.2
0°-90°	499.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	499.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	428	
5°	421	39
15°	367	102
25°	280	128
35°	184	115
45°	85	67
55°	22	23
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	427.9
2.5°	425.5
5°	420.8
7.5°	411.4
10°	399.6
12.5°	384.9
15°	366.6
17.5°	347.1
20°	325.3
22.5°	302.9
25°	279.9
27.5°	257.0
30°	234.0
32.5°	209.2
35°	183.9
37.5°	159.1
40°	135.6
42.5°	110.2
45°	84.9
47.5°	64.8
50°	47.1
52.5°	30.6
55°	21.8
57.5°	19.4
60°	17.7
62.5°	15.9
65°	14.1
67.5°	12.4
70°	10.6
72.5°	8.8
75°	7.1
77.5°	5.9
80°	4.7
82.5°	2.9
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)