

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: P1255192

Luminaire Tested: P3AS17R559035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255192
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: P3AS17R559035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

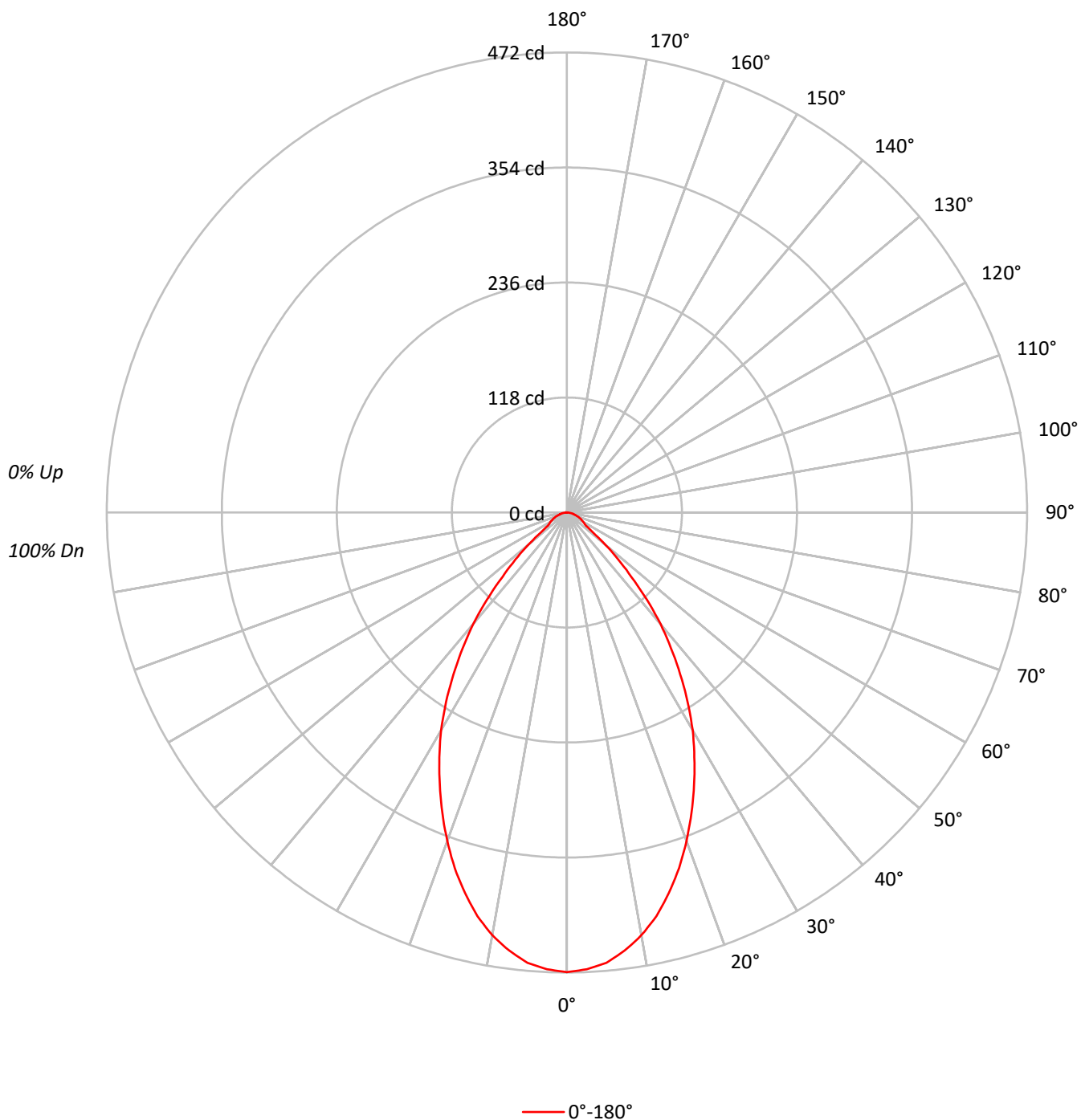
Lumens per Lamp: N/A
Luminaire Lumens: 550.0 lumens
Efficiency: N/A
Efficacy: 25.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	96		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°	103413
5°	102091
10°	98061
15°	91714
20°	83681
25°	74666
30°	65301
35°	54261
40°	42766
45°	28995
50°	17739
55°	9175
60°	8552
65°	8094
70°	7501
75°	6608
80°	6566
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28995 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.5	7.9
10°-20°	112.9	20.5
20°-30°	141.4	25.7
30°-40°	126.2	23.0
40°-50°	73.9	13.4
50°-60°	25.5	4.6
60°-70°	15.4	2.8
70°-80°	8.6	1.6
80°-90°	2.4	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°	297.8	54.2
0°-40°	424.1	77.1
0°-60°	523.5	95.2
0°-90°	550.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	550.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	472	
5°	464	43
15°	404	113
25°	309	141
35°	203	126
45°	94	74
55°	24	26
65°	16	15
75°	8	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	471.6
2.5°	469.0
5°	463.8
7.5°	453.4
10°	440.4
12.5°	424.2
15°	404.0
17.5°	382.6
20°	358.6
22.5°	333.9
25°	308.6
27.5°	283.2
30°	257.9
32.5°	230.6
35°	202.7
37.5°	175.4
40°	149.4
42.5°	121.5
45°	93.5
47.5°	71.5
50°	52.0
52.5°	33.8
55°	24.0
57.5°	21.4
60°	19.5
62.5°	17.5
65°	15.6
67.5°	13.6
70°	11.7
72.5°	9.7
75°	7.8
77.5°	6.5
80°	5.2
82.5°	3.2
85°	1.9
87.5°	1.3
90°	0.0

(END OF REPORT)