

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: P1255251

Luminaire Tested: P3AS17R659035DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255251
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659035DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

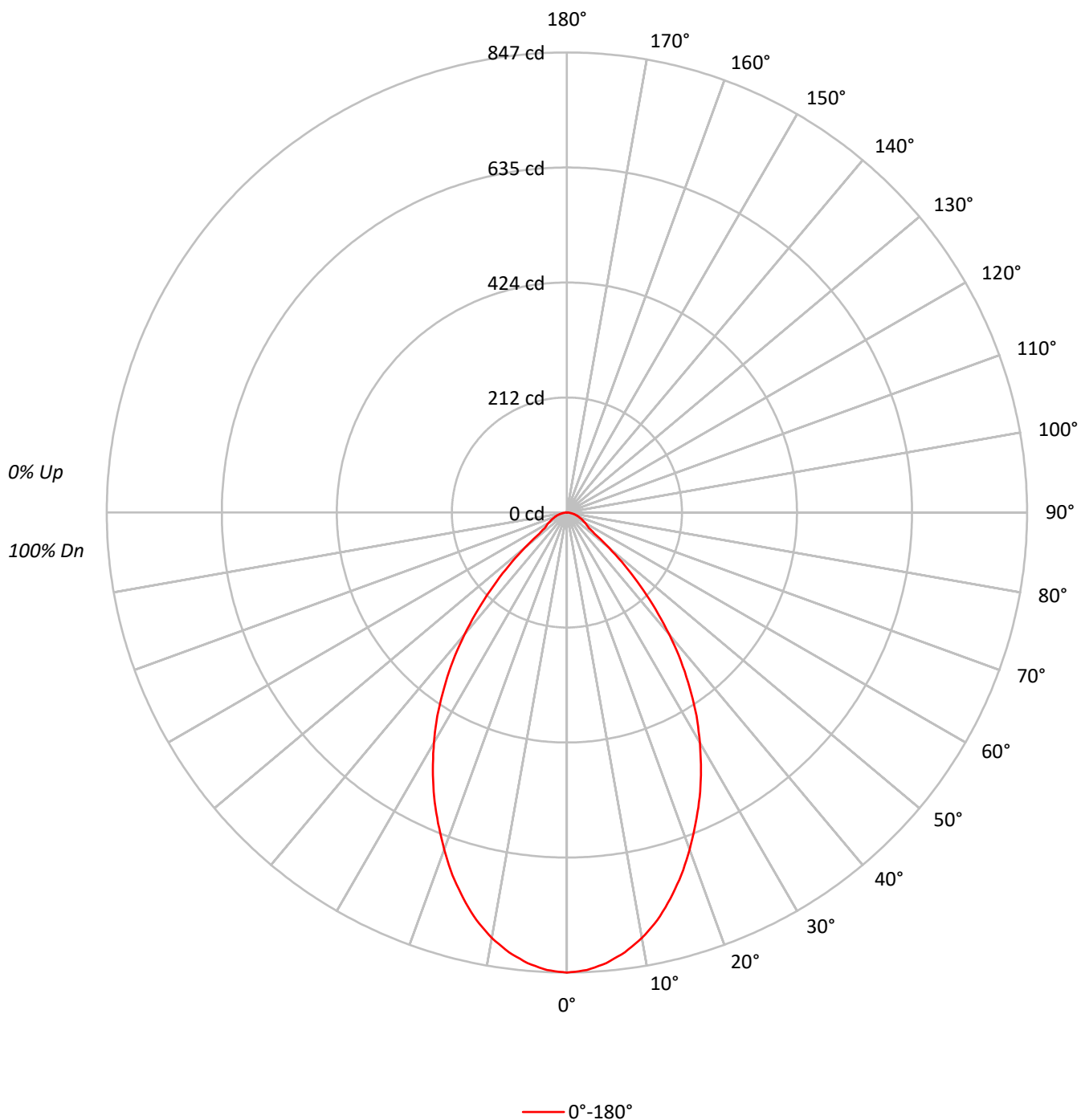
Lumens per Lamp: N/A
Luminaire Lumens: 1044.0 lumens
Efficiency: N/A
Efficacy: 49.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	185775
5°	183293
10°	177129
15°	167061
20°	154083
25°	139871
30°	123892
35°	105417
40°	83871
45°	59200
50°	34387
55°	18771
60°	17455
65°	15825
70°	14426
75°	13471
80°	11744
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59200 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.3	7.5
10°-20°	205.9	19.7
20°-30°	264.6	25.3
30°-40°	244.8	23.4
40°-50°	147.7	14.2
50°-60°	50.4	4.8
60°-70°	30.3	2.9
70°-80°	17.1	1.6
80°-90°	4.9	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°	548.8	52.6
0°-40°	793.5	76.0
0°-60°	991.7	95.0
0°-90°	1044.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1044.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	847	
5°	833	78
15°	736	206
25°	578	265
35°	394	245
45°	191	148
55°	49	50
65°	30	30
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	847.2
2.5°	843.3
5°	832.7
7.5°	816.7
10°	795.5
12.5°	769.0
15°	735.9
17.5°	700.1
20°	660.3
22.5°	619.2
25°	578.1
27.5°	534.3
30°	489.3
32.5°	444.2
35°	393.8
37.5°	344.7
40°	293.0
42.5°	241.3
45°	190.9
47.5°	144.5
50°	100.8
52.5°	63.6
55°	49.1
57.5°	43.8
60°	39.8
62.5°	34.5
65°	30.5
67.5°	26.5
70°	22.5
72.5°	19.9
75°	15.9
77.5°	13.3
80°	9.3
82.5°	6.6
85°	4.0
87.5°	2.7
90°	0.0

(END OF REPORT)