

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: P1252545

Luminaire Tested: P3AS17R659030DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252545
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: P3AS17R659030DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

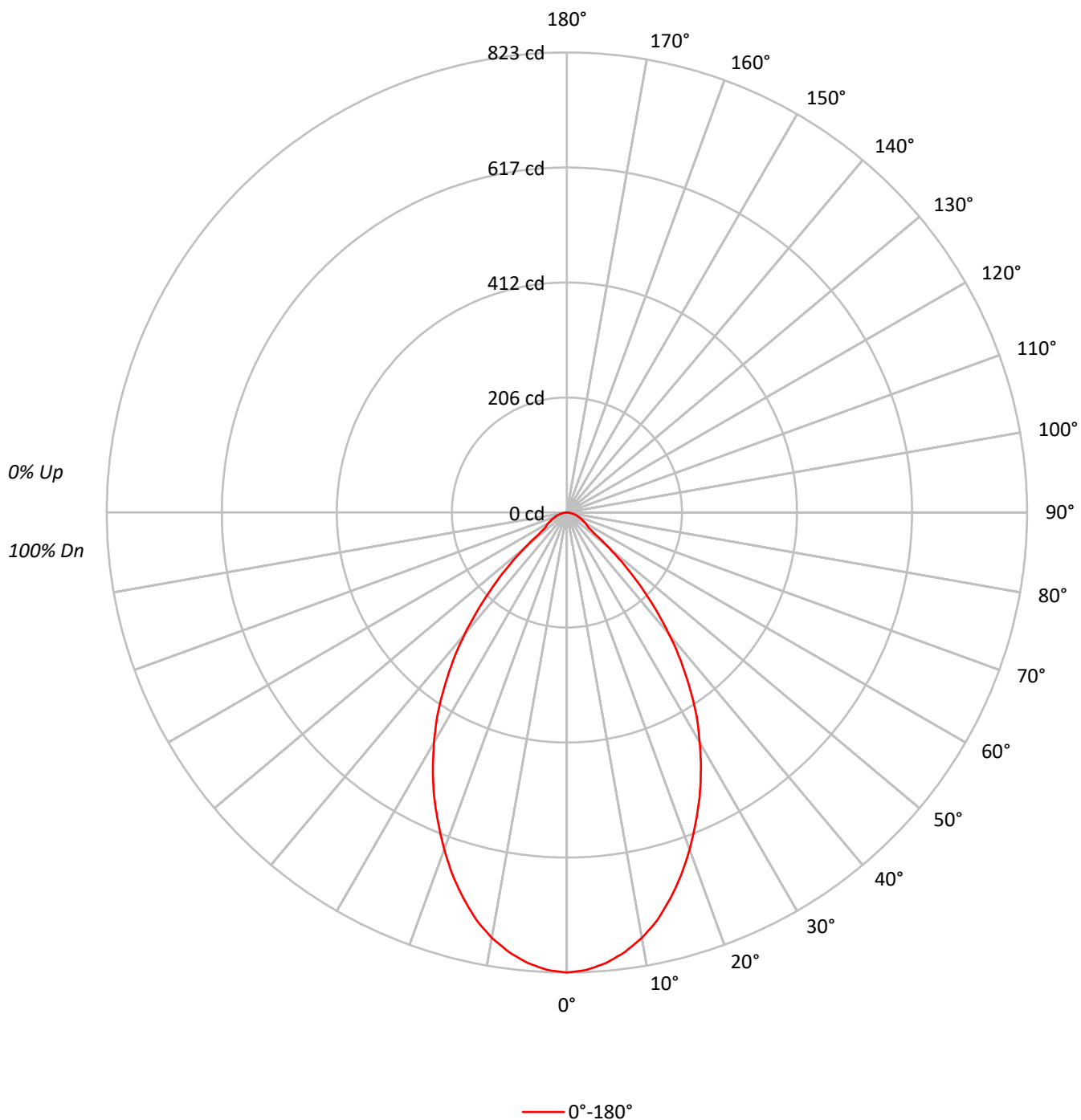
Lumens per Lamp: N/A
Luminaire Lumens: 1014.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	180446
5°	178010
10°	172052
15°	162248
20°	149650
25°	135855
30°	120322
35°	102392
40°	81467
45°	57494
50°	33398
55°	18198
60°	16928
65°	15358
70°	14041
75°	13132
80°	11365
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57494 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.1	7.5
10°-20°	200.0	19.7
20°-30°	257.0	25.3
30°-40°	237.7	23.4
40°-50°	143.5	14.2
50°-60°	48.9	4.8
60°-70°	29.5	2.9
70°-80°	16.7	1.6
80°-90°	4.7	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°	533.0	52.6
0°-40°	770.7	76.0
0°-60°	963.2	95.0
0°-90°	1014.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1014.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	823	
5°	809	76
15°	715	200
25°	562	257
35°	382	238
45°	185	144
55°	48	49
65°	30	29
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	822.9
2.5°	819.0
5°	808.7
7.5°	793.3
10°	772.7
12.5°	746.9
15°	714.7
17.5°	680.0
20°	641.3
22.5°	601.4
25°	561.5
27.5°	519.0
30°	475.2
32.5°	431.4
35°	382.5
37.5°	334.8
40°	284.6
42.5°	234.4
45°	185.4
47.5°	140.4
50°	97.9
52.5°	61.8
55°	47.6
57.5°	42.5
60°	38.6
62.5°	33.5
65°	29.6
67.5°	25.8
70°	21.9
72.5°	19.3
75°	15.5
77.5°	12.9
80°	9.0
82.5°	6.4
85°	3.9
87.5°	2.6
90°	0.0

(END OF REPORT)