

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: P1248271

Luminaire Tested: P3AS02R659027DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248271
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: P3AS02R659027DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

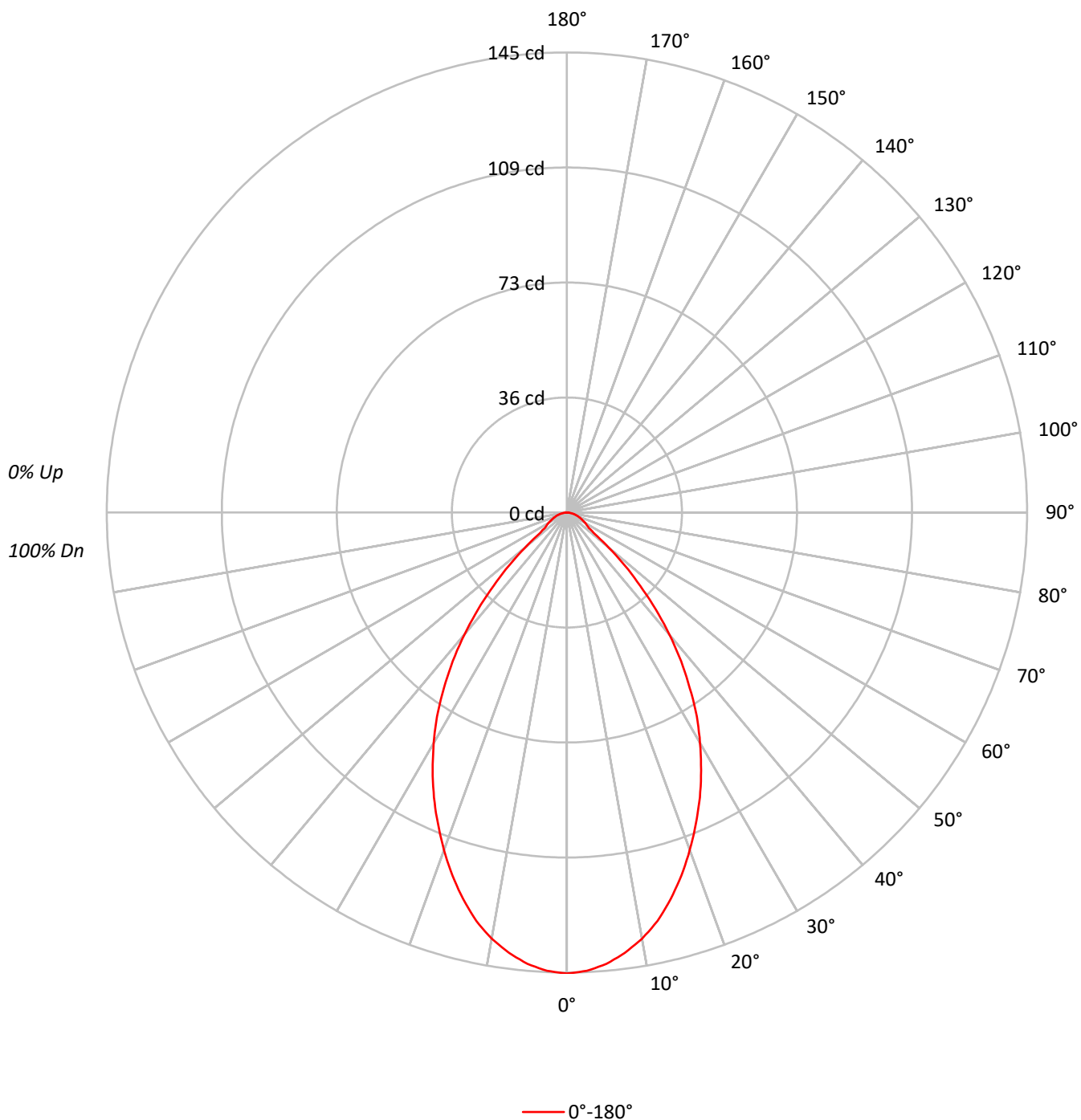
Lumens per Lamp: N/A
Luminaire Lumens: 179.0 lumens
Efficiency: N/A
Efficacy: 49.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	31861
5°	31433
10°	30371
15°	28649
20°	26416
25°	23977
30°	21244
35°	18069
40°	14370
45°	10141
50°	5902
55°	3211
60°	2982
65°	2698
70°	2500
75°	2288
80°	2020
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10141 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.4	7.5
10°-20°	35.3	19.7
20°-30°	45.4	25.3
30°-40°	42.0	23.4
40°-50°	25.3	14.2
50°-60°	8.6	4.8
60°-70°	5.2	2.9
70°-80°	2.9	1.6
80°-90°	0.8	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°	94.1	52.6
0°-40°	136.1	76.0
0°-60°	170.0	95.0
0°-90°	179.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	179.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	145	
5°	143	13
15°	126	35
25°	99	45
35°	68	42
45°	33	25
55°	8	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	145.3
2.5°	144.6
5°	142.8
7.5°	140.0
10°	136.4
12.5°	131.9
15°	126.2
17.5°	120.0
20°	113.2
22.5°	106.2
25°	99.1
27.5°	91.6
30°	83.9
32.5°	76.2
35°	67.5
37.5°	59.1
40°	50.2
42.5°	41.4
45°	32.7
47.5°	24.8
50°	17.3
52.5°	10.9
55°	8.4
57.5°	7.5
60°	6.8
62.5°	5.9
65°	5.2
67.5°	4.5
70°	3.9
72.5°	3.4
75°	2.7
77.5°	2.3
80°	1.6
82.5°	1.1
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)