

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: P1253685

Luminaire Tested: P3AS02R659035DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253685
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: P3AS02R659035DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

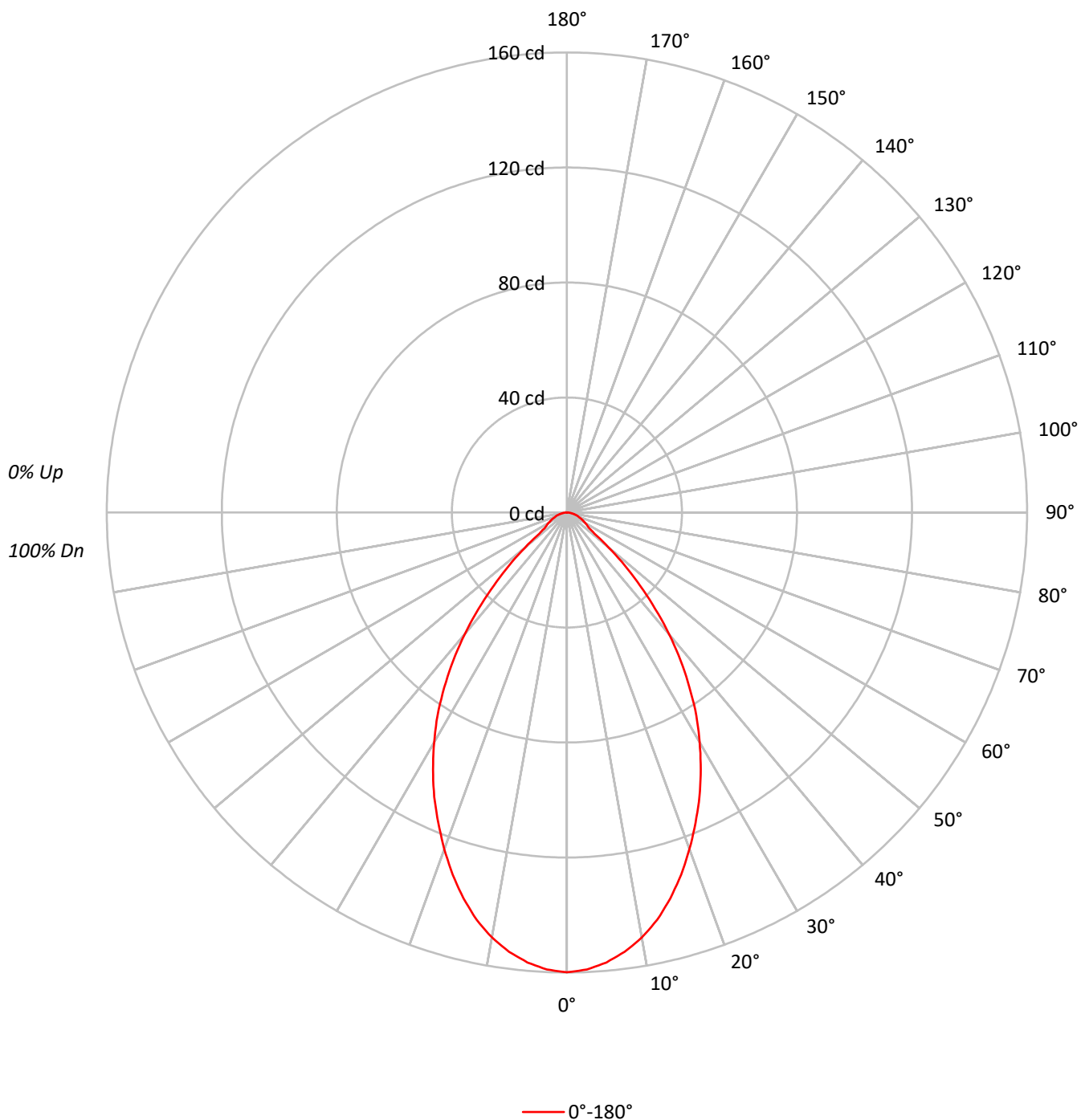
Lumens per Lamp: N/A
Luminaire Lumens: 197.1 lumens
Efficiency: N/A
Efficacy: 54.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	35063
5°	34581
10°	33422
15°	31533
20°	29076
25°	26397
30°	23371
35°	19890
40°	15830
45°	11164
50°	6482
55°	3555
60°	3289
65°	3009
70°	2757
75°	2542
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11164 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.8	7.5
10°-20°	38.9	19.7
20°-30°	49.9	25.3
30°-40°	46.2	23.4
40°-50°	27.9	14.1
50°-60°	9.5	4.8
60°-70°	5.7	2.9
70°-80°	3.3	1.7
80°-90°	1.0	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°	103.5	52.5
0°-40°	149.7	76.0
0°-60°	187.1	95.0
0°-90°	197.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	197.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	160	
5°	157	15
15°	139	39
25°	109	50
35°	74	46
45°	36	28
55°	9	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	159.9
2.5°	159.1
5°	157.1
7.5°	154.1
10°	150.1
12.5°	145.1
15°	138.9
17.5°	132.1
20°	124.6
22.5°	116.8
25°	109.1
27.5°	100.8
30°	92.3
32.5°	83.8
35°	74.3
37.5°	65.0
40°	55.3
42.5°	45.5
45°	36.0
47.5°	27.3
50°	19.0
52.5°	12.0
55°	9.3
57.5°	8.3
60°	7.5
62.5°	6.5
65°	5.8
67.5°	5.0
70°	4.3
72.5°	3.8
75°	3.0
77.5°	2.5
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.5
90°	0.0

(END OF REPORT)