

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: P1259039

Luminaire Tested: P3AS02R659050DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259039
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R659050DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

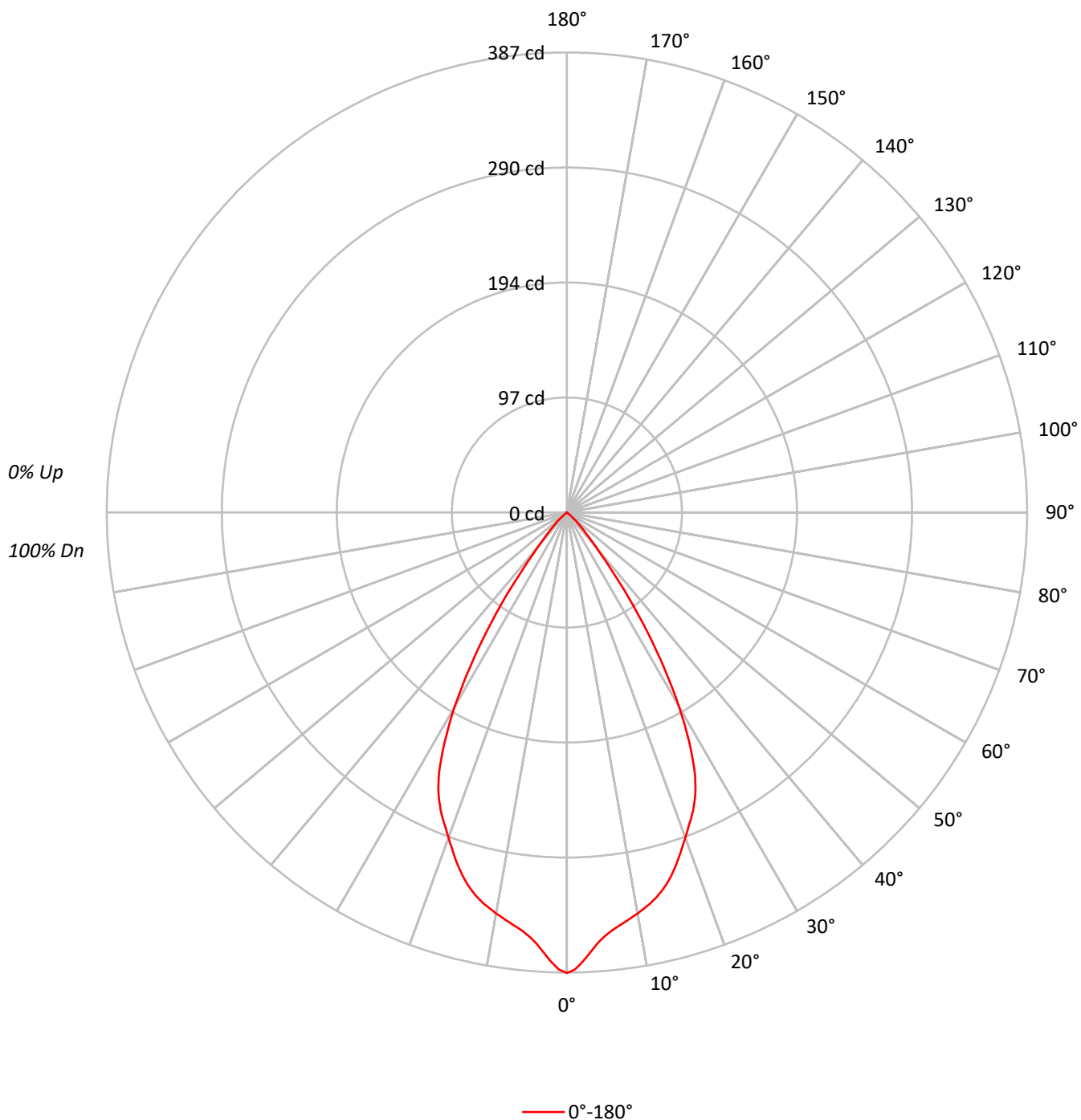
Lumens per Lamp: N/A
Luminaire Lumens: 317.0 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88		
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82		
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77		
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72		
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67		
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63		
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59		
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56		
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84949
5°	78868
10°	76262
15°	73508
20°	67953
25°	61915
30°	47830
35°	27733
40°	10992
45°	4683
50°	1126
55°	153
60°	132
65°	52
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4683 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.8	10.7
10°-20°	90.2	28.5
20°-30°	114.2	36.0
30°-40°	65.0	20.5
40°-50°	12.9	4.1
50°-60°	0.7	0.2
60°-70°	0.2	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	238.2	75.1
0°-40°	303.2	95.6
0°-60°	316.8	99.9
0°-90°	317.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	317.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	387	
5°	358	34
15°	324	90
25°	256	114
35°	104	65
45°	15	13
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	387.4
1°	384.5
2°	378.2
3°	371.0
4°	363.8
5°	358.3
6°	354.3
7°	351.0
8°	348.1
9°	345.3
10°	342.5
11°	339.5
12°	336.4
13°	332.6
14°	328.6
15°	323.8
16°	318.1
17°	311.8
18°	305.0
19°	297.9
20°	291.2
21°	284.4
22°	278.3
23°	271.9
24°	264.5
25°	255.9
26°	245.6
27°	233.2
28°	219.3
29°	204.4
30°	188.9
31°	171.9
32°	154.9
32.5°	146.2
33°	137.7
34°	120.5
35°	103.6
36°	87.9
37°	72.4
37.5°	64.5
38°	58.1
39°	47.0
40°	38.4
42.5°	23.7
45°	15.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	8.9
50°	3.3
52.5°	0.7
55°	0.4
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.1
67.5°	0.1
70°	0.1
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)