

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: P1261539

Luminaire Tested: P3AS02R409727DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409727DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

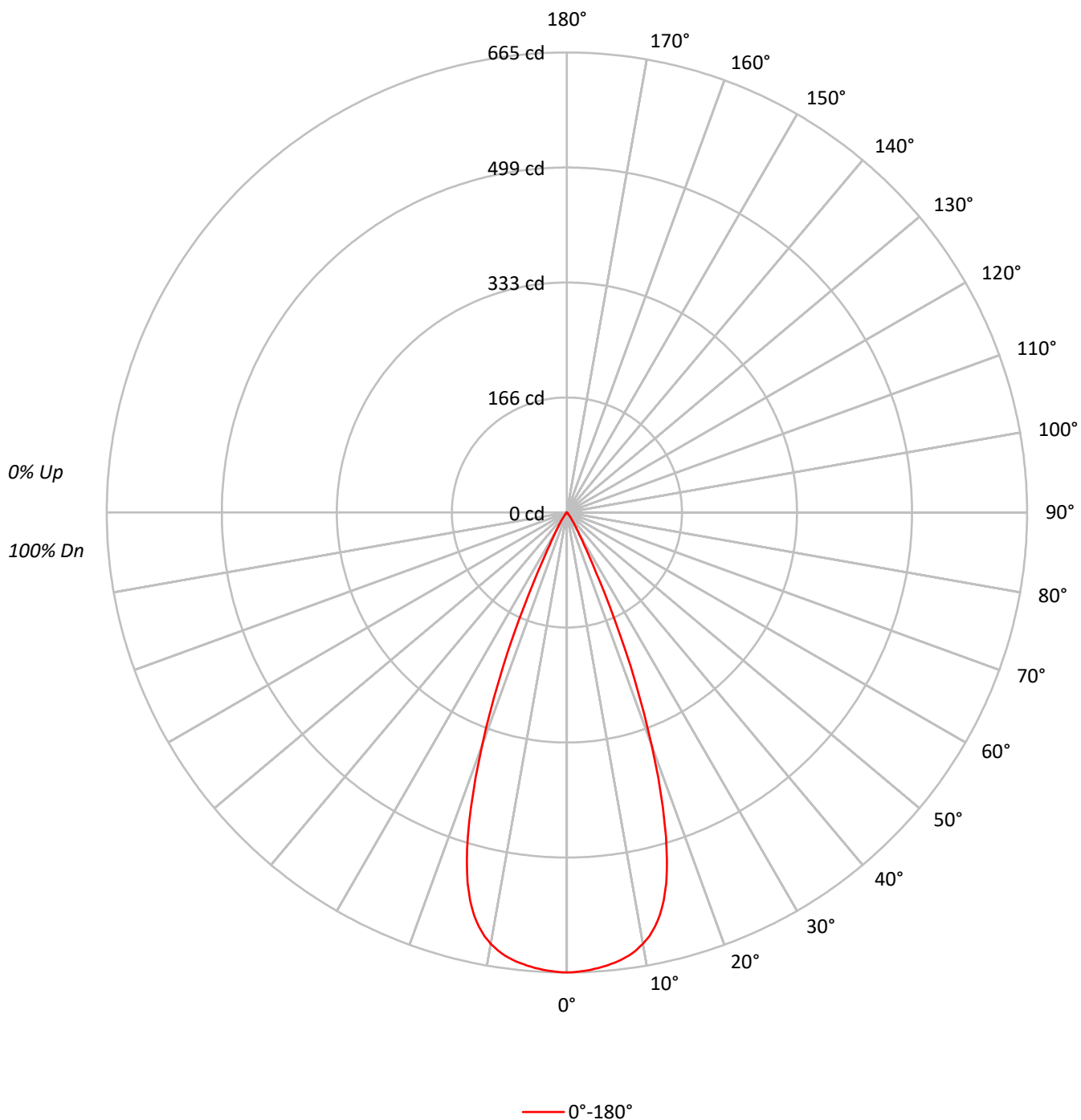
Lumens per Lamp: N/A
Luminaire Lumens: 286.0 lumens
Efficiency: N/A
Efficacy: 79.4 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96		
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92		
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88		
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85		
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82		
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79		
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76		
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73		
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70		
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	75	71	69	68		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	145778
5°	144728
10°	140946
15°	125903
20°	83471
25°	31284
30°	8356
35°	3266
40°	1174
45°	558
50°	171
55°	76
60°	44
65°	52
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 558 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.0	21.7
10°-20°	146.9	51.4
20°-30°	66.6	23.3
30°-40°	8.6	3.0
40°-50°	1.5	0.5
50°-60°	0.2	0.1
60°-70°	0.1	0.0
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°	275.6	96.4
0°-40°	284.3	99.4
0°-60°	285.9	100.0
0°-90°	286.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	286.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	665	
5°	658	62
15°	555	147
25°	129	67
35°	12	9
45°	2	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	664.8
1°	664.4
2°	663.4
3°	661.9
4°	660.0
5°	657.5
6°	654.6
7°	651.0
8°	646.6
9°	640.6
10°	633.0
11°	624.1
12°	612.1
13°	597.4
14°	578.2
15°	554.6
16°	524.4
17°	490.1
18°	448.8
19°	405.3
20°	357.7
21°	310.2
22°	263.3
23°	216.7
24°	170.8
25°	129.3
26°	95.7
27°	70.1
28°	52.7
29°	41.0
30°	33.0
31°	27.3
32°	22.8
32.5°	20.8
33°	18.8
34°	15.3
35°	12.2
36°	9.6
37°	7.6
37.5°	6.8
38°	6.0
39°	5.0
40°	4.1
42.5°	2.7
45°	1.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	1.1
50°	0.5
52.5°	0.2
55°	0.2
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
67.5°	0.0
70°	0.0
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)