

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: P1271598

Luminaire Tested: P3AS09R309827DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271598
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309827DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

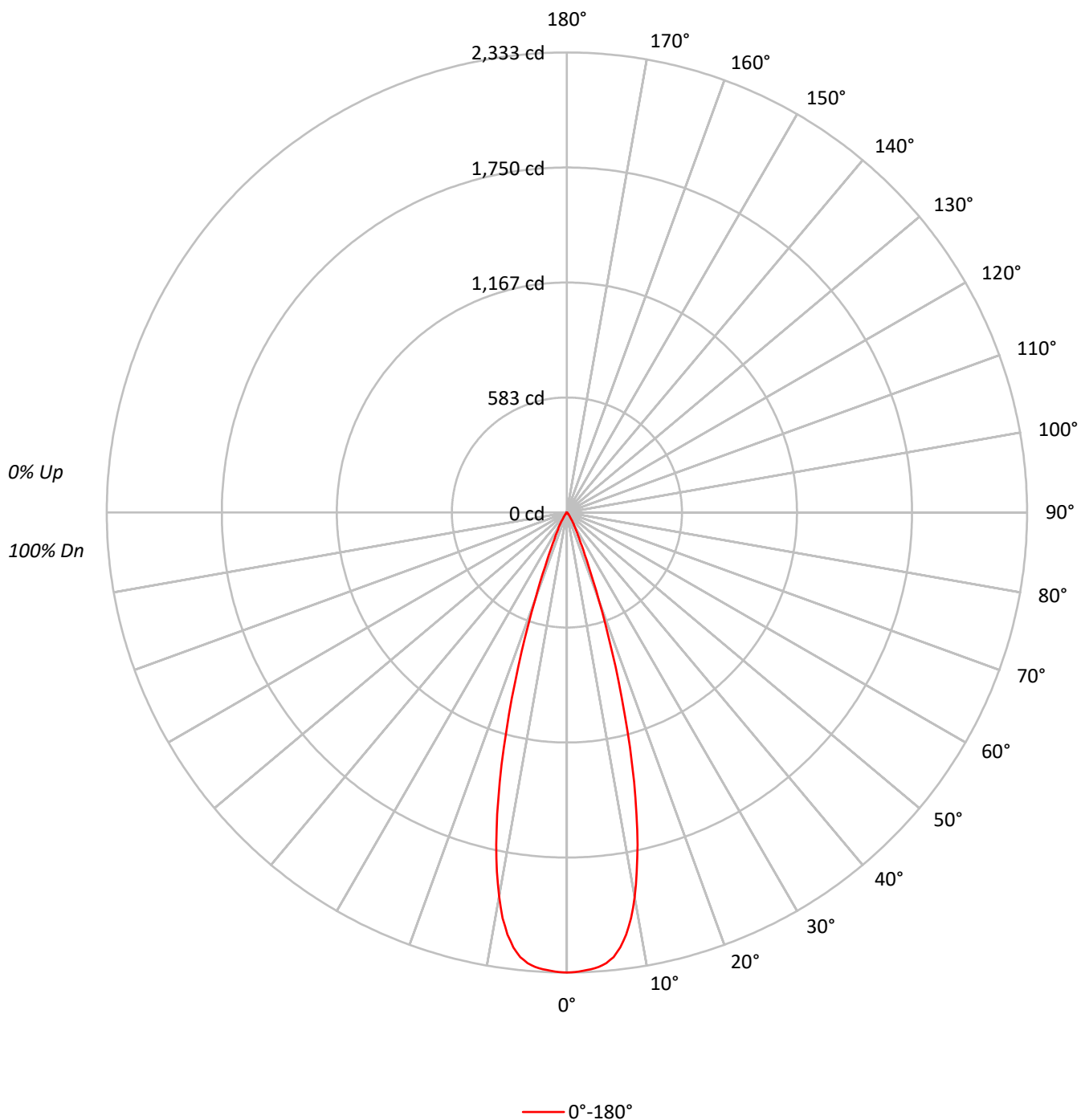
Lumens per Lamp: N/A
Luminaire Lumens: 642.9 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	109		113	111	109	108		107	106	104		103	102	101		100	99	98
2	111	108	105	102		109	106	103	101		103	101	99		100	98	97		97	96	95
3	108	103	100	97		106	102	99	96		99	97	95		97	95	93		95	93	92
4	105	99	95	92		103	98	95	92		96	93	91		94	92	90		93	91	89
5	101	96	92	89		100	95	91	88		93	90	87		92	89	87		90	88	86
6	99	92	88	85		97	92	88	85		90	87	85		89	86	84		88	85	83
7	96	89	85	82		95	89	85	82		88	84	82		87	84	81		86	83	81
8	93	87	83	80		92	86	82	80		85	82	79		84	81	79		84	81	79
9	91	84	80	77		90	84	80	77		83	79	77		82	79	77		82	79	77
10	88	82	78	75		88	81	78	75		81	77	75		80	77	75		80	77	75

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	511582
5°	504929
10°	440851
15°	280206
20°	111006
25°	37091
30°	17243
35°	7817
40°	3006
45°	1458
50°	409
55°	191
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1458 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.7	32.6
10°-20°	325.2	50.6
20°-30°	83.9	13.0
30°-40°	19.7	3.1
40°-50°	3.8	0.6
50°-60°	0.4	0.1
60°-70°	0.2	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°	618.8	96.3
0°-40°	638.5	99.3
0°-60°	642.7	100.0
0°-90°	642.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	642.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2333	
5°	2294	210
15°	1234	325
25°	153	84
35°	29	20
45°	5	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2333.0
1°	2331.3
2°	2325.8
3°	2319.6
4°	2310.3
5°	2293.9
6°	2267.1
7°	2222.7
8°	2162.1
9°	2082.9
10°	1979.9
11°	1857.3
12°	1723.5
13°	1569.5
14°	1408.3
15°	1234.3
16°	1063.8
17°	899.6
18°	742.1
19°	597.5
20°	475.7
21°	374.4
22°	294.5
23°	233.1
24°	186.7
25°	153.3
26°	127.8
27°	108.6
28°	93.9
29°	80.4
30°	68.1
32.5°	42.9
35°	29.2
37.5°	18.2
40°	10.5
42.5°	7.0
45°	4.7
47.5°	2.7
50°	1.2
52.5°	0.5
55°	0.5
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.2
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)