

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: P1257341

Luminaire Tested: P3AS13R259040DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257341
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259040DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

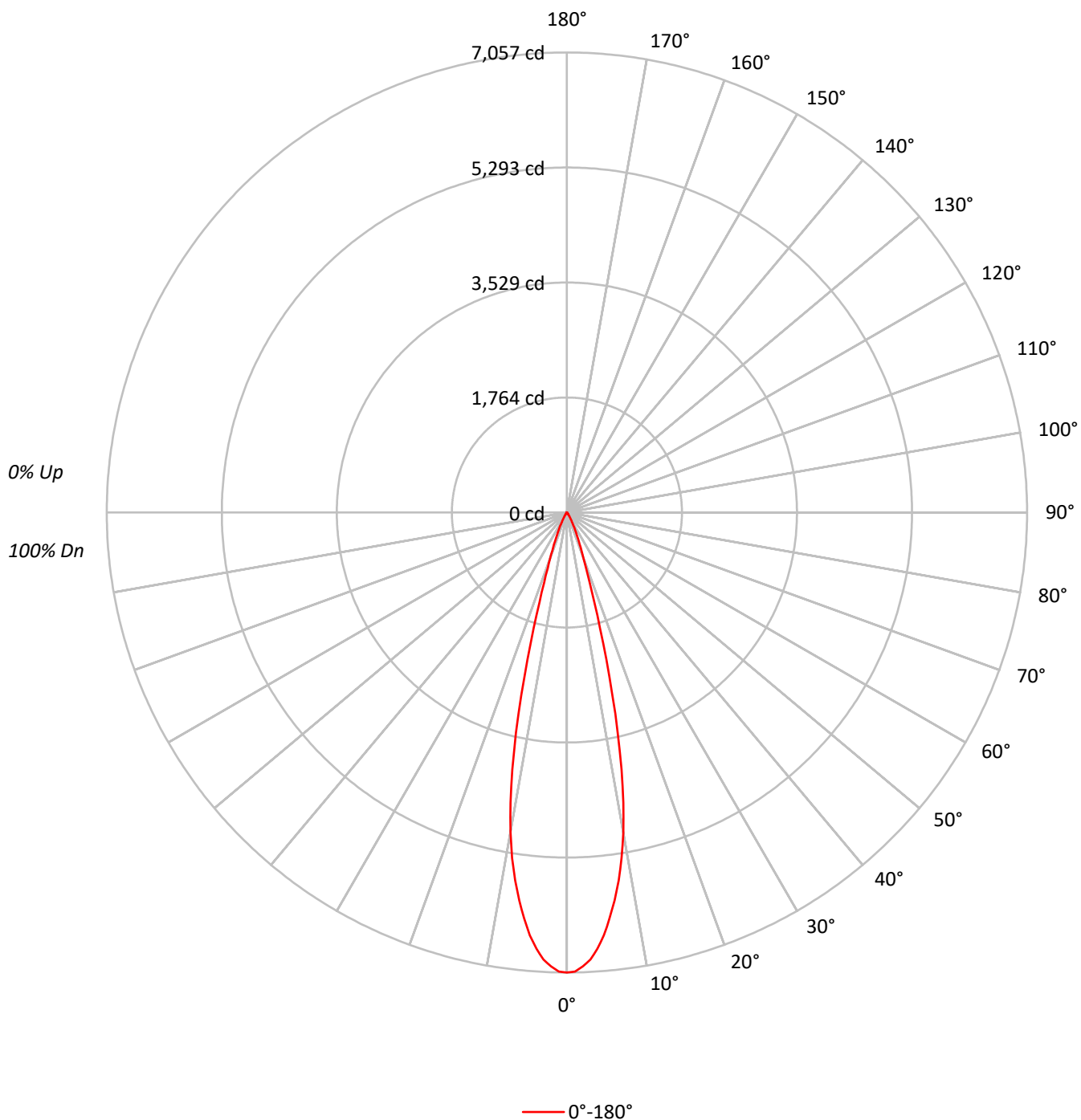
Lumens per Lamp: N/A
Luminaire Lumens: 1412.9 lumens
Efficiency: N/A
Efficacy: 96.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	115	113	111	110	113	111	110	108	107	106	105		104	103	102		100
2	112	108	106	103	110	107	104	102	104	102	100		101	99	98		98
3	109	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	106	101	97	94	104	100	96	94	98	95	92		96	93	91		94
5	103	97	93	91	101	96	93	90	95	92	90		93	91	89		92
6	100	94	90	88	99	94	90	87	92	89	87		91	88	86		90
7	98	92	88	85	97	91	87	85	90	87	84		89	86	84		88
8	95	89	85	83	94	89	85	83	88	85	82		87	84	82		86
9	93	87	83	81	92	86	83	80	86	83	80		85	82	80		84
10	91	85	81	79	90	84	81	79	84	81	78		83	80	78		83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1547508
5°	1433542
10°	1109153
15°	529765
20°	174665
25°	73625
30°	28536
35°	12341
40°	4093
45°	1892
50°	682
55°	382
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1892 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	572.5	40.5
10°-20°	651.1	46.1
20°-30°	151.3	10.7
30°-40°	31.7	2.2
40°-50°	5.1	0.4
50°-60°	0.8	0.1
60°-70°	0.4	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°	1374.8	97.3
0°-40°	1406.6	99.5
0°-60°	1412.5	100.0
0°-90°	1412.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1412.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7057	
5°	6513	572
15°	2334	651
25°	304	151
35°	46	32
45°	6	5
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	7057.2
1°	7042.8
2°	6969.6
3°	6866.6
4°	6709.3
5°	6512.6
6°	6260.0
7°	5995.6
8°	5699.0
9°	5364.5
10°	4981.3
11°	4537.1
12°	4027.3
13°	3468.9
14°	2884.9
15°	2333.6
16°	1845.9
17°	1438.1
18°	1131.2
19°	904.8
20°	748.5
21°	625.5
22°	525.1
23°	438.5
24°	366.8
25°	304.3
27.5°	180.3
30°	112.7
32.5°	72.2
35°	46.1
37.5°	27.7
40°	14.3
42.5°	9.2
45°	6.1
47.5°	3.6
50°	2.0
52.5°	1.0
55°	1.0
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.5
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	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)