

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: P1251868

Luminaire Tested: P3AS13R159030DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251868
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159030DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

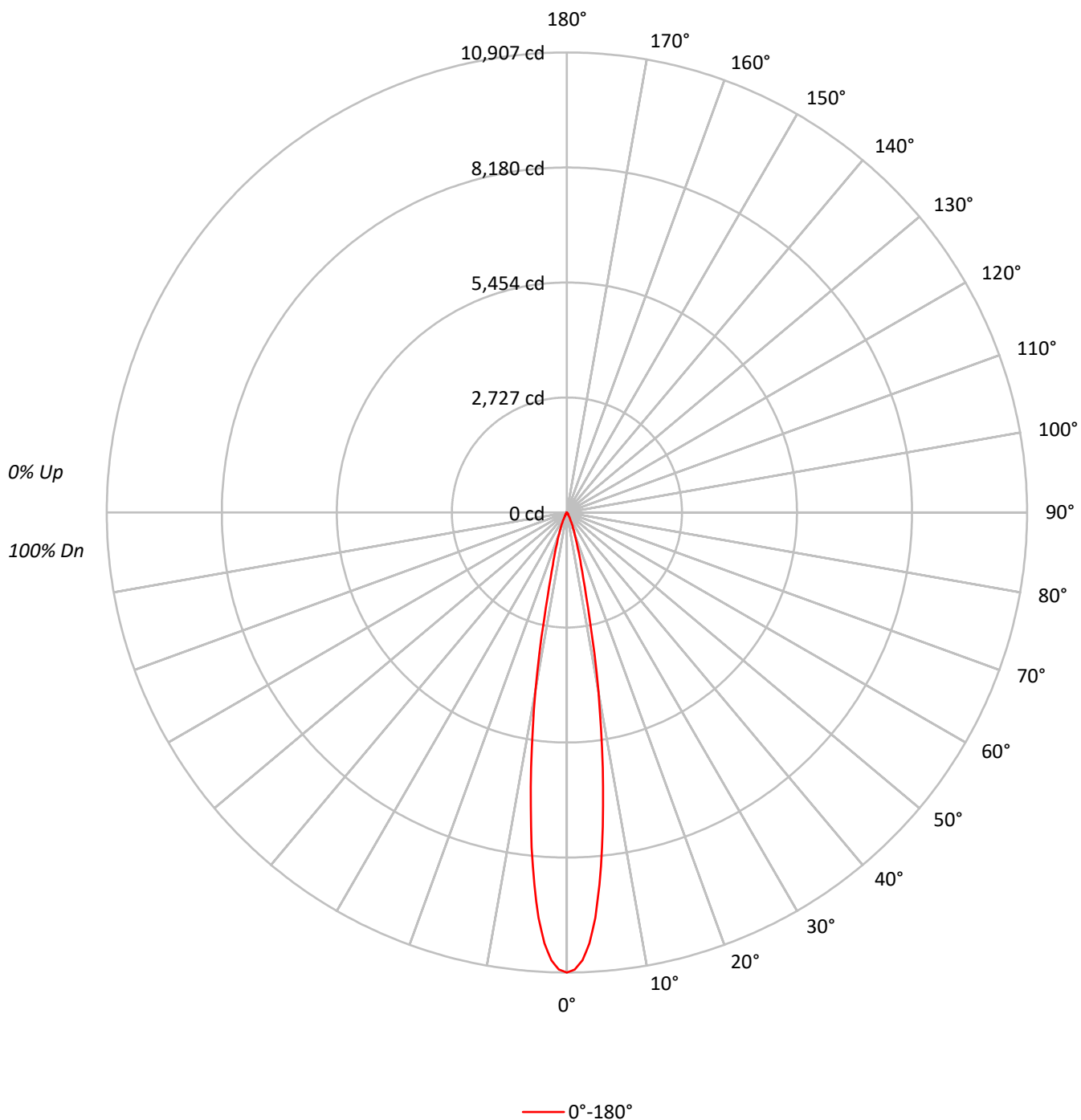
Lumens per Lamp: N/A
Luminaire Lumens: 1256.1 lumens
Efficiency: N/A
Efficacy: 86.0 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	98		
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96		
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94		
4	107	102	99	96	105	101	98	96	99	97	95	98	96	94	96	94	93	92		
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	90		
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	88		
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	87		
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	85		
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	88	86	85	84		
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	82		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2391738
5°	1950314
10°	955137
15°	292351
20°	123817
25°	56011
30°	21826
35°	10065
40°	3149
45°	1178
50°	478
55°	191
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1178 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	689.7	54.9
10°-20°	423.2	33.7
20°-30°	113.7	9.1
30°-40°	25.0	2.0
40°-50°	3.5	0.3
50°-60°	0.7	0.1
60°-70°	0.3	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°	1226.5	97.7
0°-40°	1251.6	99.6
0°-60°	1255.8	100.0
0°-90°	1256.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1256.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10907	
5°	8860	690
15°	1288	423
25°	232	114
35°	38	25
45°	4	4
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	10907.2
1°	10839.1
2°	10620.5
3°	10226.7
4°	9633.7
5°	8860.3
6°	7985.4
7°	7011.0
8°	6115.6
9°	5166.4
10°	4289.6
11°	3421.9
12°	2632.8
13°	2025.0
14°	1603.1
15°	1287.8
17.5°	798.2
20°	530.6
22.5°	357.2
25°	231.5
27.5°	137.2
30°	86.2
32.5°	58.1
35°	37.6
37.5°	21.0
40°	11.0
42.5°	6.2
45°	3.8
47.5°	2.4
50°	1.4
52.5°	1.0
55°	0.5
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
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



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)