

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: P1285998

Luminaire Tested: P3AS02R159030D2WDE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285998
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: P3AS02R159030D2WDE010 E3D1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

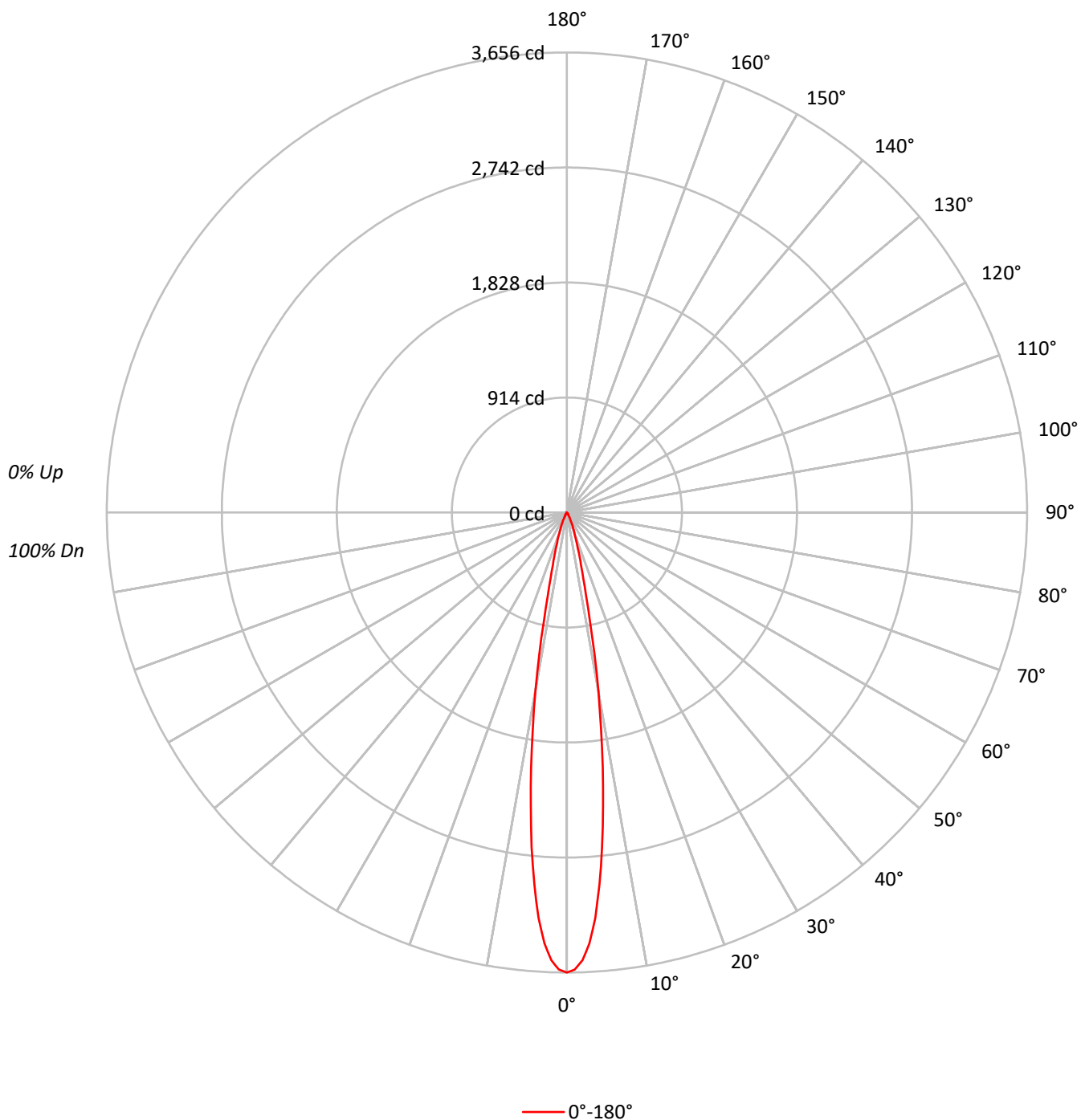
Lumens per Lamp: N/A
Luminaire Lumens: 421.1 lumens
Efficiency: N/A
Efficacy: 58.5 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
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	104	110	108	105	103	105	103	101		102	100	99		99	98	97	96
3	110	106	102	100	108	104	101	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	92	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	84	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°	801690
5°	653729
10°	320168
15°	98003
20°	41490
25°	18775
30°	7318
35°	3373
40°	1059
45°	403
50°	171
55°	76
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 403 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	231.2	54.9
10°-20°	141.9	33.7
20°-30°	38.1	9.0
30°-40°	8.4	2.0
40°-50°	1.2	0.3
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°	411.1	97.6
0°-40°	419.5	99.6
0°-60°	420.9	100.0
0°-90°	421.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	421.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3656	
5°	2970	231
15°	432	142
25°	78	38
35°	13	8
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3656.0
1°	3633.2
2°	3559.9
3°	3427.9
4°	3229.1
5°	2969.9
6°	2676.6
7°	2350.0
8°	2049.9
9°	1731.7
10°	1437.9
11°	1147.0
12°	882.5
13°	678.8
14°	537.3
15°	431.7
17.5°	267.6
20°	177.8
22.5°	119.7
25°	77.6
27.5°	46.0
30°	28.9
32.5°	19.5
35°	12.6
37.5°	7.0
40°	3.7
42.5°	2.1
45°	1.3
47.5°	0.8
50°	0.5
52.5°	0.3
55°	0.2
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
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):



(END OF REPORT)