

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: P1287384

Luminaire Tested: P3AS17R159030D2WDE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287384
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159030D2WDE010 E3DL1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

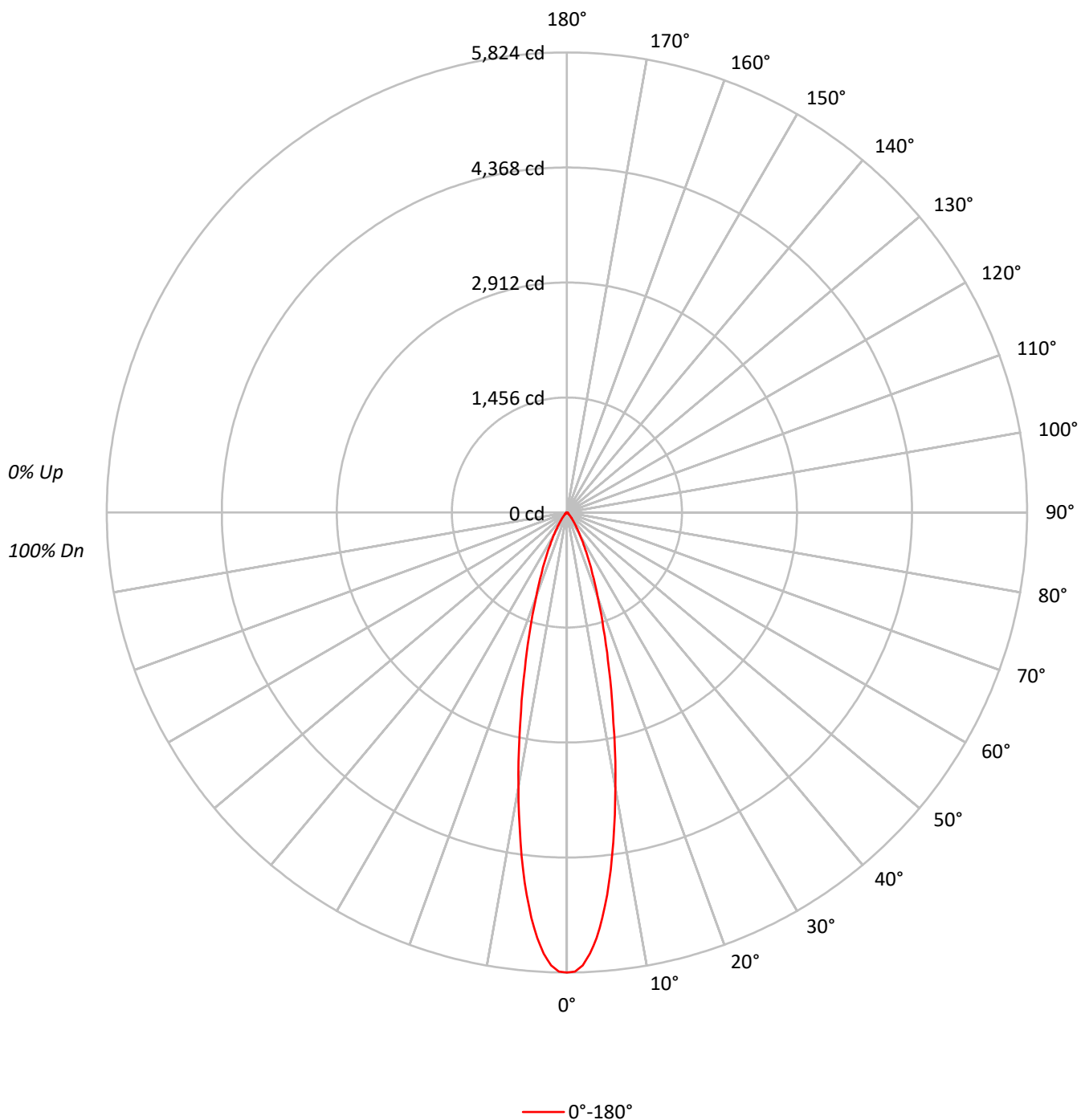
Lumens per Lamp: N/A
Luminaire Lumens: 1495.0 lumens
Efficiency: N/A
Efficacy: 54.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1277113
5°	1133631
10°	787271
15°	465565
20°	265160
25°	151581
30°	83861
35°	44731
40°	24732
45°	13397
50°	8358
55°	6614
60°	5701
65°	5241
70°	4616
75°	4914
80°	3662
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13397 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.9	29.3
10°-20°	578.0	38.7
20°-30°	297.6	19.9
30°-40°	111.7	7.5
40°-50°	36.6	2.4
50°-60°	15.7	1.1
60°-70°	10.0	0.7
70°-80°	5.9	0.4
80°-90°	1.6	0.1
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°	1313.5	87.9
0°-40°	1425.3	95.3
0°-60°	1477.6	98.8
0°-90°	1495.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1495.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5824	
5°	5150	438
15°	2051	578
25°	626	298
35°	167	112
45°	43	37
55°	17	16
65°	10	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5824.1
1°	5812.6
2°	5736.3
3°	5590.8
4°	5399.3
5°	5150.1
6°	4867.9
7°	4558.2
8°	4214.0
9°	3874.1
10°	3535.7
12.5°	2720.5
15°	2050.8
17.5°	1535.2
20°	1136.3
22.5°	848.3
25°	626.5
27.5°	456.5
30°	331.2
32.5°	234.8
35°	167.1
37.5°	119.5
40°	86.4
42.5°	61.9
45°	43.2
47.5°	31.7
50°	24.5
52.5°	20.2
55°	17.3
57.5°	14.4
60°	13.0
62.5°	11.5
65°	10.1
67.5°	8.6
70°	7.2
72.5°	7.2
75°	5.8
77.5°	4.3
80°	2.9
82.5°	2.9
85°	1.4
87.5°	0.0
90°	0.0

(END OF REPORT)