

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: P1272198

Luminaire Tested: P3AS17R159827DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272198
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: P3AS17R159827DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

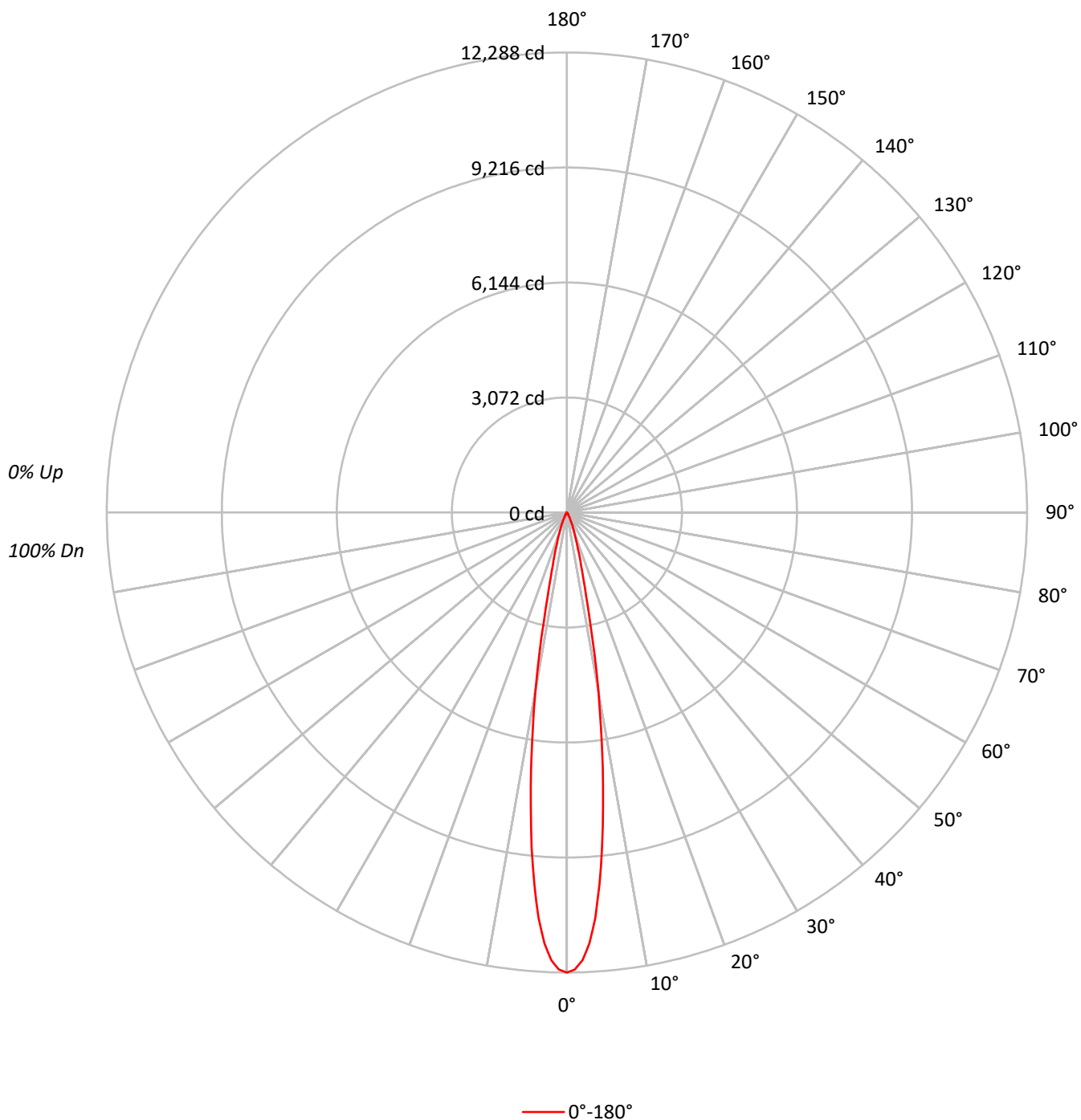
Lumens per Lamp: N/A
Luminaire Lumens: 1415.0 lumens
Efficiency: N/A
Efficacy: 69.4 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	116	114	112	111		113	112	110	109		108	107	105		104	103	102		101	100	99
2	112	109	107	105		110	108	105	103		105	103	101		102	100	99		99	98	97
3	110	106	102	100		108	104	102	99		102	100	98		100	98	96		98	96	95
4	107	102	99	96		106	101	98	96		99	97	95		98	96	94		96	94	93
5	105	100	96	94		103	99	96	93		97	94	92		96	93	92		94	93	91
6	102	97	94	91		101	96	93	91		95	92	90		94	92	90		93	91	89
7	100	95	91	89		99	94	91	89		93	90	88		92	90	88		91	89	88
8	98	93	89	87		97	92	89	87		91	89	87		91	88	86		90	88	86
9	96	91	88	85		96	91	87	85		90	87	85		89	87	85		89	86	85
10	95	89	86	84		94	89	86	84		88	85	83		88	85	83		87	85	83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2694521
5°	2197199
10°	1076066
15°	329355
20°	139475
25°	63100
30°	24586
35°	11350
40°	3521
45°	1333
50°	546
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: 1333 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	777.0	54.9
10°-20°	476.8	33.7
20°-30°	128.1	9.1
30°-40°	28.2	2.0
40°-50°	4.0	0.3
50°-60°	0.7	0.0
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°	1381.8	97.7
0°-40°	1410.0	99.6
0°-60°	1414.7	100.0
0°-90°	1415.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1415.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	12288	
5°	9982	777
15°	1451	477
25°	261	128
35°	42	28
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°	12288.0
1°	12211.3
2°	11965.0
3°	11521.3
4°	10853.3
5°	9981.9
6°	8996.3
7°	7898.5
8°	6889.8
9°	5820.5
10°	4832.7
11°	3855.1
12°	2966.0
13°	2281.4
14°	1806.0
15°	1450.8
17.5°	899.3
20°	597.7
22.5°	402.4
25°	260.8
27.5°	154.5
30°	97.1
32.5°	65.5
35°	42.4
37.5°	23.6
40°	12.3
42.5°	7.0
45°	4.3
47.5°	2.7
50°	1.6
52.5°	1.1
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)