

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: P1258345

Luminaire Tested: P3AS24R159040D010 E3D1B

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258345
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: P3AS24R159040D010 E3D1B
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3D1B TRIM
Light Source: -
Ballast/Driver: -

Summary

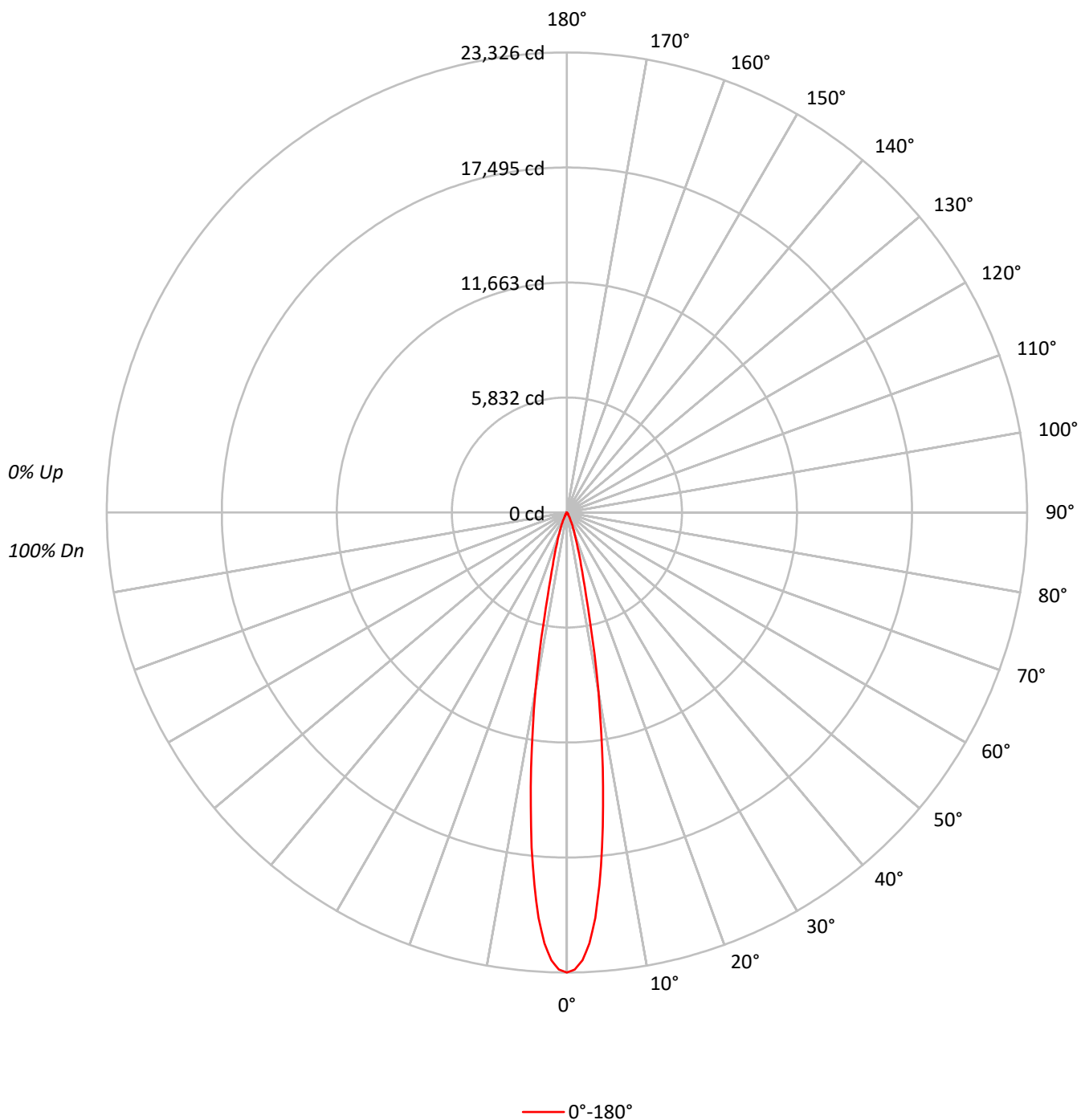
Lumens per Lamp: N/A
Luminaire Lumens: 2686.0 lumens
Efficiency: N/A
Efficacy: 93.3 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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

TEST NUMBER: P1258345

CATALOG NUMBER: P3AS24R159040D010 E3D1B

Luminous Intensity Polar Plot



TEST NUMBER: P1258345

CATALOG NUMBER: P3AS24R159040D010 E3D1B

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	5114831
5°	4170801
10°	2042625
15°	625202
20°	264763
25°	119765
30°	46665
35°	21549
40°	6698
45°	2512
50°	1058
55°	382
60°	439
65°	519
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2512 cd/sqm

TEST NUMBER: P1258345

CATALOG NUMBER: P3AS24R159040D010 E3D1B

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1474.9	54.9
10°-20°	905.0	33.7
20°-30°	243.1	9.1
30°-40°	53.5	2.0
40°-50°	7.5	0.3
50°-60°	1.3	0.0
60°-70°	0.6	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°	2623.0	97.7
0°-40°	2676.5	99.6
0°-60°	2685.4	100.0
0°-90°	2686.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2686.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	23326	
5°	18948	###
15°	2754	905
25°	495	243
35°	80	54
45°	8	7
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1258345

CATALOG NUMBER: P3AS24R159040D010 E3D1B

CANDELA DISTRIBUTION (FULL):

0°	
0°	23325.5
1°	23179.9
2°	22712.4
3°	21870.1
4°	20602.1
5°	18948.0
6°	17077.1
7°	14993.2
8°	13078.5
9°	11048.6
10°	9173.6
11°	7317.9
12°	5630.2
13°	4330.6
14°	3428.2
15°	2754.0
17.5°	1707.0
20°	1134.6
22.5°	763.9
25°	495.0
27.5°	293.3
30°	184.3
32.5°	124.3
35°	80.5
37.5°	44.8
40°	23.4
42.5°	13.2
45°	8.1
47.5°	5.1
50°	3.1
52.5°	2.0
55°	1.0
57.5°	1.0
60°	1.0
62.5°	1.0
65°	1.0
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



TEST NUMBER: P1258345
CATALOG NUMBER: P3AS24R159040D010 E3D1B

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)