

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: P1258347

Luminaire Tested: P3AS24R159040D010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258347
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159040D010 E3D1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

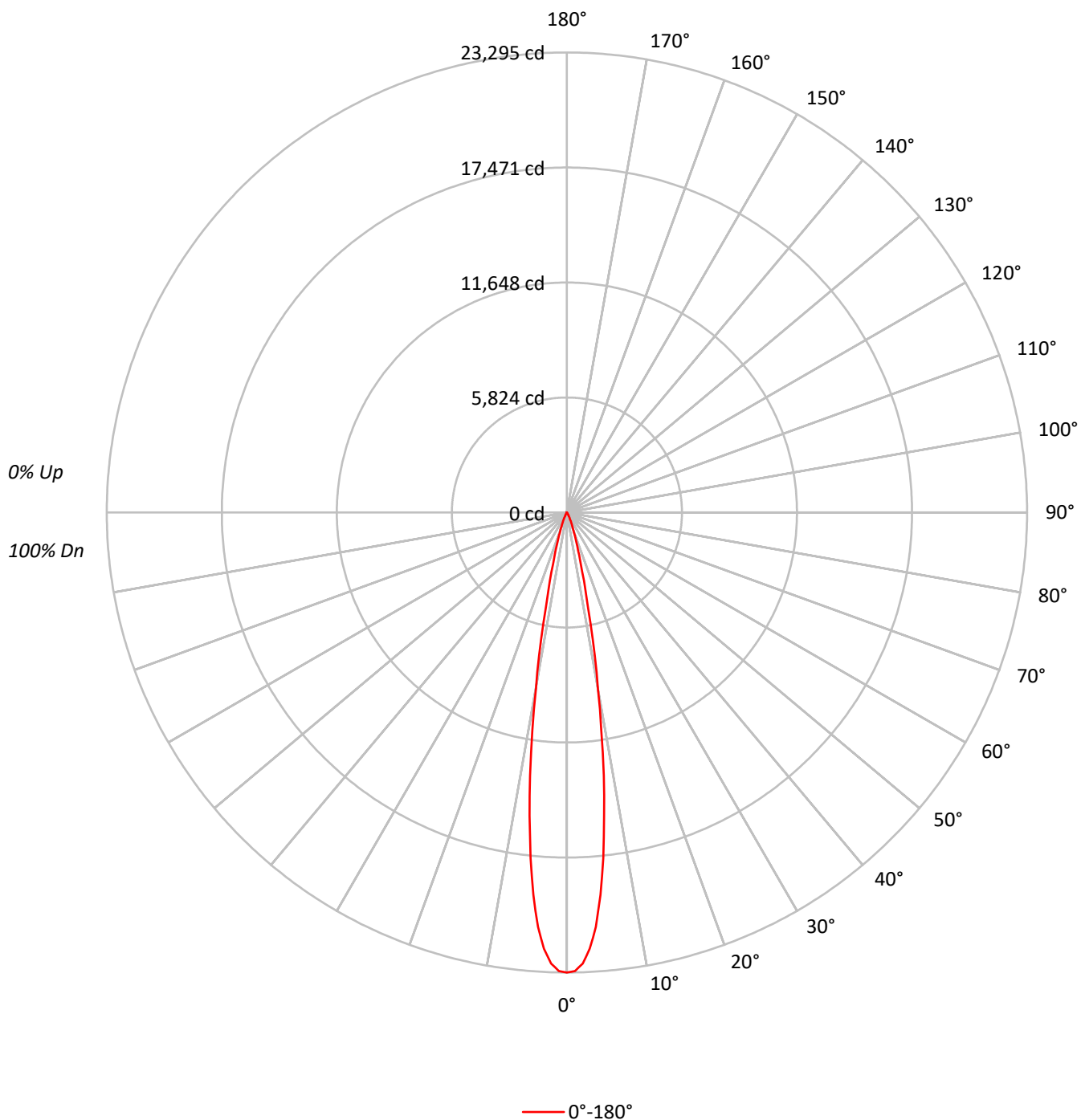
Lumens per Lamp: N/A
Luminaire Lumens: 2628.1 lumens
Efficiency: N/A
Efficacy: 91.3 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258347

CATALOG NUMBER: P3AS24R159040D010 E3D1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1258347

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	5108209
5°	4281169
10°	2016596
15°	607994
20°	224976
25°	87465
30°	32613
35°	10012
40°	3578
45°	1923
50°	1433
55°	1606
60°	1842
65°	1090
70°	1346
75°	1779
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1923 cd/sqm

TEST NUMBER: P1258347

CATALOG NUMBER: P3AS24R159040D010 E3D1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1503.6	57.2
10°-20°	893.8	34.0
20°-30°	187.8	7.1
30°-40°	30.3	1.2
40°-50°	5.1	0.2
50°-60°	3.8	0.1
60°-70°	2.3	0.1
70°-80°	1.4	0.1
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°	2585.2	98.4
0°-40°	2615.5	99.5
0°-60°	2624.4	99.9
0°-90°	2628.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2628.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	23295	
5°	19449	###
15°	2678	894
25°	362	188
35°	37	30
45°	6	5
55°	4	4
65°	2	2
75°	2	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	23295.3
1°	23222.6
2°	22852.7
3°	22113.1
4°	21028.5
5°	19449.4
6°	17594.0
7°	15472.7
8°	13446.9
9°	11153.1
10°	9056.7
12.5°	4886.8
15°	2678.2
17.5°	1568.7
20°	964.1
22.5°	590.1
25°	361.5
27.5°	218.2
30°	128.8
32.5°	72.7
35°	37.4
37.5°	20.8
40°	12.5
42.5°	8.3
45°	6.2
47.5°	4.2
50°	4.2
52.5°	4.2
55°	4.2
57.5°	4.2
60°	4.2
62.5°	2.1
65°	2.1
67.5°	2.1
70°	2.1
72.5°	2.1
75°	2.1
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)