

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: P1258447

Luminaire Tested: P3AS24R309040D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258447
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309040D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

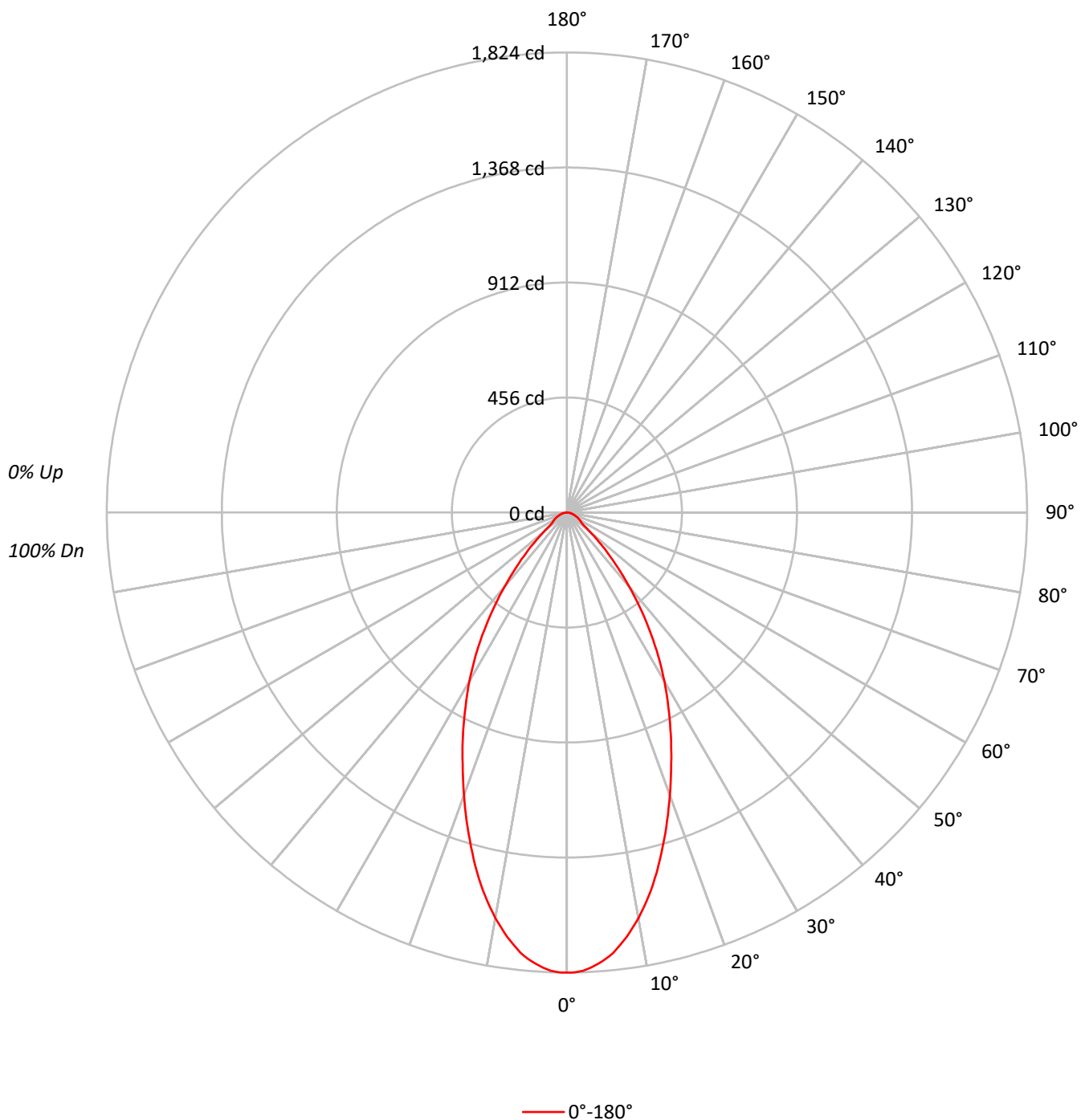
Lumens per Lamp: N/A
Luminaire Lumens: 1693.0 lumens
Efficiency: N/A
Efficacy: 58.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258447

CATALOG NUMBER: P3AS24R309040D010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1258447

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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	399968
5°	390974
10°	363587
15°	323543
20°	278274
25°	235731
30°	195676
35°	153495
40°	110006
45°	72163
50°	41107
55°	26991
60°	25524
65°	23712
70°	21286
75°	19402
80°	18310
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 72163 cd/sqm

TEST NUMBER: P1258447

CATALOG NUMBER: P3AS24R309040D010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.9	9.7
10°-20°	396.2	23.4
20°-30°	446.5	26.4
30°-40°	356.5	21.1
40°-50°	183.2	10.8
50°-60°	69.0	4.1
60°-70°	45.2	2.7
70°-80°	24.4	1.4
80°-90°	7.1	0.4
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°	1007.6	59.5
0°-40°	1364.1	80.6
0°-60°	1616.3	95.5
0°-90°	1693.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1693.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1824	
5°	1776	165
15°	1425	396
25°	974	447
35°	573	357
45°	233	183
55°	71	69
65°	46	45
75°	23	24
85°	6	7
90°	0	

TEST NUMBER: P1258447

CATALOG NUMBER: P3AS24R309040D010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1824.0
1°	1824.0
2°	1817.8
3°	1807.4
4°	1792.9
5°	1776.2
6°	1755.5
7°	1728.5
8°	1699.4
9°	1666.1
10°	1632.9
11°	1595.5
12°	1556.0
13°	1514.5
14°	1470.9
15°	1425.2
17.5°	1308.8
20°	1192.5
22.5°	1080.3
25°	974.3
27.5°	870.5
30°	772.8
32.5°	673.1
35°	573.4
37.5°	475.7
40°	384.3
42.5°	303.3
45°	232.7
47.5°	172.4
50°	120.5
52.5°	85.2
55°	70.6
57.5°	64.4
60°	58.2
62.5°	51.9
65°	45.7
67.5°	39.5
70°	33.2
72.5°	27.0
75°	22.9
77.5°	18.7
80°	14.5
82.5°	10.4
85°	6.2
87.5°	2.1



TEST NUMBER: P1258447

CATALOG NUMBER: P3AS24R309040D010 E3DLD1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)