

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: P1252944

Luminaire Tested: P3AS24R159030D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252944
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159030D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

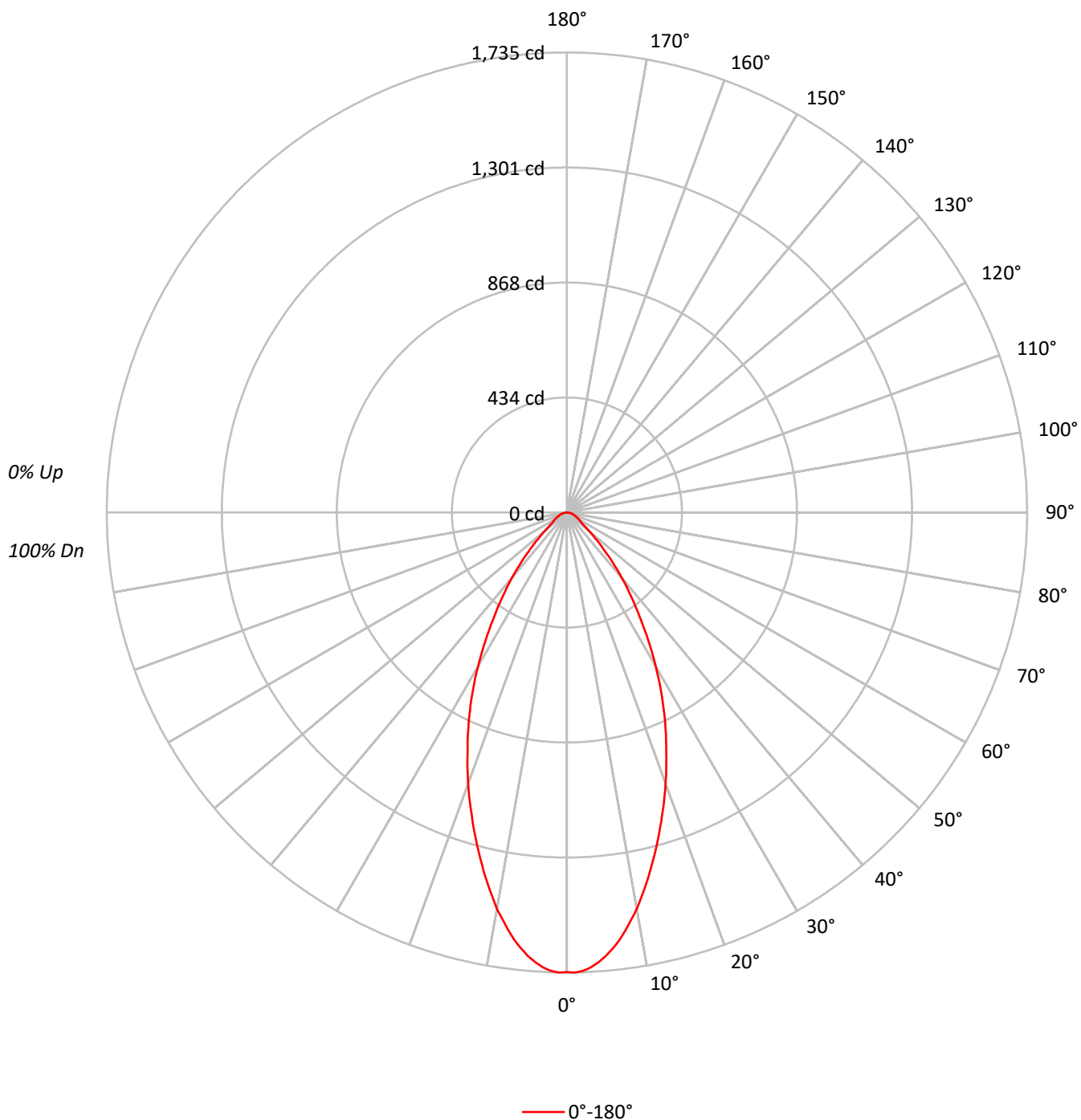
Lumens per Lamp: N/A
Luminaire Lumens: 1507.0 lumens
Efficiency: N/A
Efficacy: 52.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252944

CATALOG NUMBER: P3AS24R159030D010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1252944

CATALOG NUMBER: P3AS24R159030D010 E3DLD1LI

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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	380123
5°	369799
10°	337959
15°	296006
20°	253935
25°	212020
30°	169672
35°	127261
40°	92344
45°	60378
50°	37764
55°	25538
60°	22586
65°	20806
70°	19555
75°	17792
80°	16921
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 60378 cd/sqm

TEST NUMBER: P1252944

CATALOG NUMBER: P3AS24R159030D010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.0	10.3
10°-20°	363.3	24.1
20°-30°	400.3	26.6
30°-40°	299.8	19.9
40°-50°	155.4	10.3
50°-60°	64.4	4.3
60°-70°	39.9	2.6
70°-80°	22.4	1.5
80°-90°	6.5	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°	918.7	61.0
0°-40°	1218.4	80.9
0°-60°	1438.2	95.4
0°-90°	1507.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1507.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1734	
5°	1680	155
15°	1304	363
25°	876	400
35°	475	300
45°	195	155
55°	67	64
65°	40	40
75°	21	22
85°	6	6
90°	0	

TEST NUMBER: P1252944

CATALOG NUMBER: P3AS24R159030D010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1733.5
1°	1735.4
2°	1729.7
3°	1718.2
4°	1701.0
5°	1680.0
6°	1653.3
7°	1624.7
8°	1590.3
9°	1554.0
10°	1517.8
12.5°	1412.8
15°	1303.9
17.5°	1195.1
20°	1088.2
22.5°	979.4
25°	876.3
27.5°	773.2
30°	670.1
32.5°	568.9
35°	475.4
37.5°	395.2
40°	322.6
42.5°	255.8
45°	194.7
47.5°	147.0
50°	110.7
52.5°	82.1
55°	66.8
57.5°	59.2
60°	51.5
62.5°	45.8
65°	40.1
67.5°	34.4
70°	30.5
72.5°	24.8
75°	21.0
77.5°	17.2
80°	13.4
82.5°	9.5
85°	5.7
87.5°	1.9
90°	0.0

(END OF REPORT)