

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: P1260984

Luminaire Tested: P3AS24R209050D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260984
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209050D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

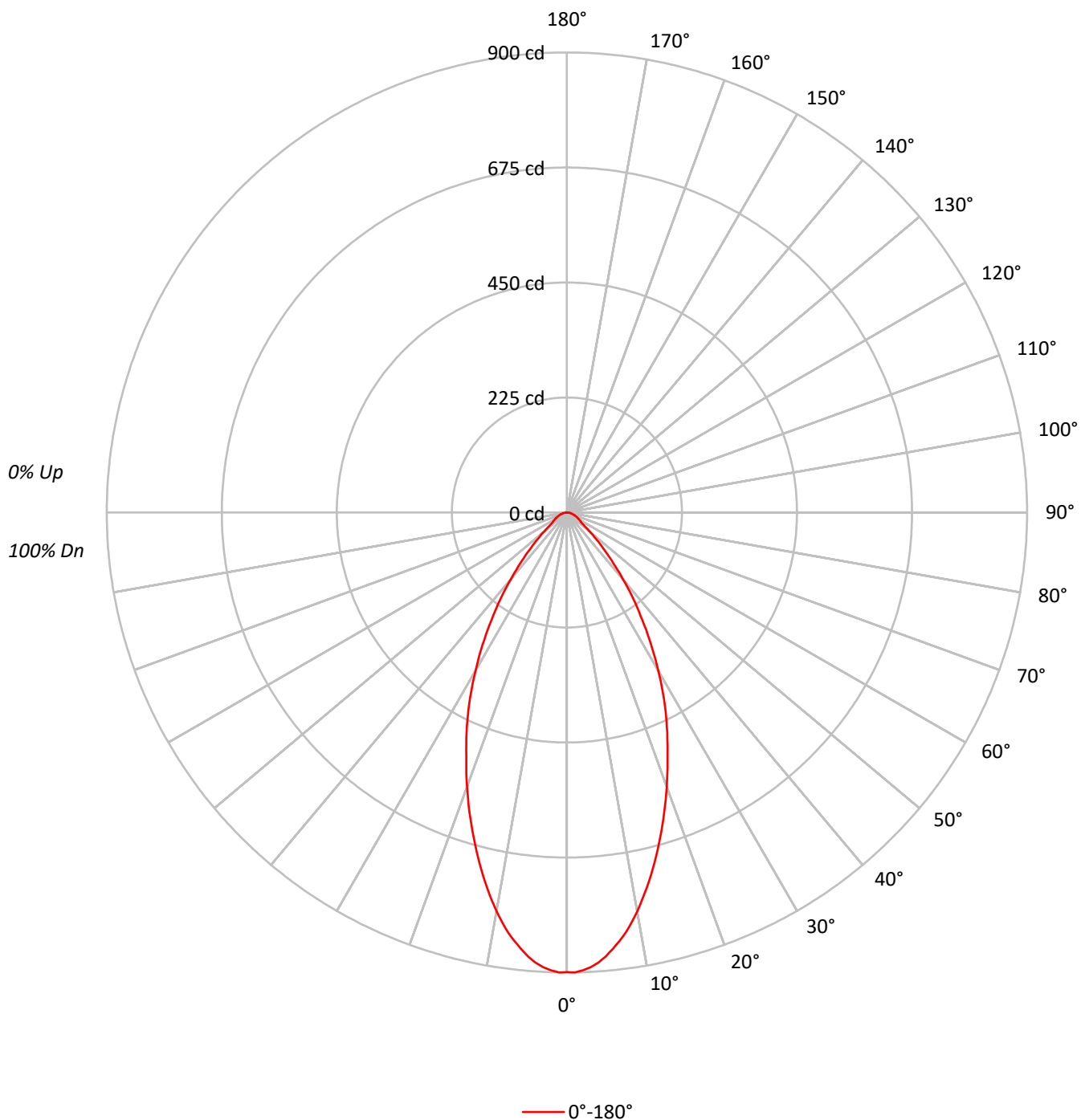
Lumens per Lamp: N/A
Luminaire Lumens: 797.0 lumens
Efficiency: N/A
Efficacy: 27.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1260984

CATALOG NUMBER: P3AS24R209050D010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1260984

CATALOG NUMBER: P3AS24R209050D010 E3DLD1GPH

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	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		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	197133
5°	191877
10°	176505
15°	155370
20°	133245
25°	111950
30°	90495
35°	68850
40°	48977
45°	32344
50°	20025
55°	13151
60°	11973
65°	11052
70°	10386
75°	9404
80°	8966
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32344 cd/sqm

TEST NUMBER: P1260984

CATALOG NUMBER: P3AS24R209050D010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.6	10.1
10°-20°	190.5	23.9
20°-30°	211.5	26.5
30°-40°	161.3	20.2
40°-50°	82.6	10.4
50°-60°	33.9	4.3
60°-70°	21.2	2.7
70°-80°	11.9	1.5
80°-90°	3.4	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°	482.7	60.6
0°-40°	644.0	80.8
0°-60°	760.5	95.4
0°-90°	797.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	797.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	899	
5°	872	81
15°	684	191
25°	463	211
35°	257	161
45°	104	83
55°	34	34
65°	21	21
75°	11	12
85°	3	3
90°	0	

TEST NUMBER: P1260984

CATALOG NUMBER: P3AS24R209050D010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	899.0
1°	900.0
2°	896.0
3°	890.9
4°	882.8
5°	871.7
6°	858.5
7°	844.4
8°	829.2
9°	810.9
10°	792.7
12.5°	740.1
15°	684.4
17.5°	627.7
20°	571.0
22.5°	514.3
25°	462.7
27.5°	411.0
30°	357.4
32.5°	306.8
35°	257.2
37.5°	213.6
40°	171.1
42.5°	134.7
45°	104.3
47.5°	79.0
50°	58.7
52.5°	43.5
55°	34.4
57.5°	31.4
60°	27.3
62.5°	24.3
65°	21.3
67.5°	18.2
70°	16.2
72.5°	13.2
75°	11.1
77.5°	9.1
80°	7.1
82.5°	5.1
85°	3.0
87.5°	1.0
90°	0.0

(END OF REPORT)