

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: P1254320

Luminaire Tested: P3AS09R409035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254320
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

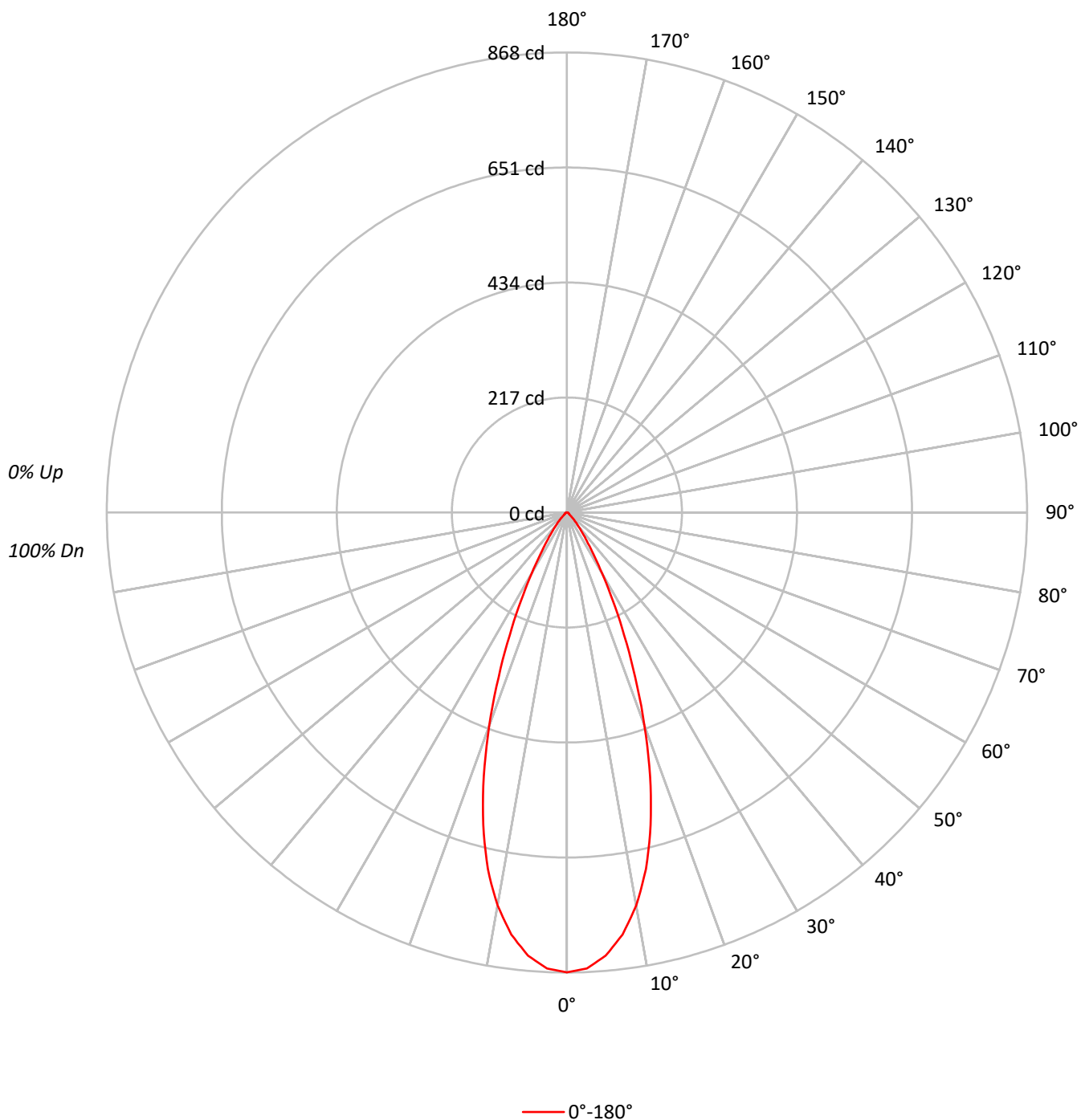
Lumens per Lamp: N/A
Luminaire Lumens: 430.0 lumens
Efficiency: N/A
Efficacy: 38.7 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1254320

CATALOG NUMBER: P3AS09R409035DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1254320

CATALOG NUMBER: P3AS09R409035DE010 E3DL1GPH

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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	190270
5°	184745
10°	167643
15°	138502
20°	99899
25°	61794
30°	33448
35°	17293
40°	9389
45°	5272
50°	2661
55°	1988
60°	1798
65°	1712
70°	1667
75°	1525
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5272 cd/sqm

TEST NUMBER: P1254320

CATALOG NUMBER: P3AS09R409035DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.4	18.0
10°-20°	166.1	38.6
20°-30°	118.5	27.6
30°-40°	43.6	10.1
40°-50°	13.7	3.2
50°-60°	4.8	1.1
60°-70°	3.3	0.8
70°-80°	1.9	0.5
80°-90°	0.6	0.1
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°	362.0	84.2
0°-40°	405.7	94.3
0°-60°	424.2	98.7
0°-90°	430.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	430.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	868	
5°	839	77
15°	610	166
25°	255	119
35°	65	44
45°	17	14
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1254320

CATALOG NUMBER: P3AS09R409035DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	867.7
2.5°	861.1
5°	839.3
7.5°	803.1
10°	752.9
12.5°	689.1
15°	610.1
17.5°	521.5
20°	428.1
22.5°	336.2
25°	255.4
27.5°	187.5
30°	132.1
32.5°	92.6
35°	64.6
37.5°	45.8
40°	32.8
42.5°	23.6
45°	17.0
47.5°	11.4
50°	7.8
52.5°	5.5
55°	5.2
57.5°	4.8
60°	4.1
62.5°	3.7
65°	3.3
67.5°	3.0
70°	2.6
72.5°	2.2
75°	1.8
77.5°	1.5
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)