

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: P1248127

Luminaire Tested: P3AS02R409027DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248127
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409027DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

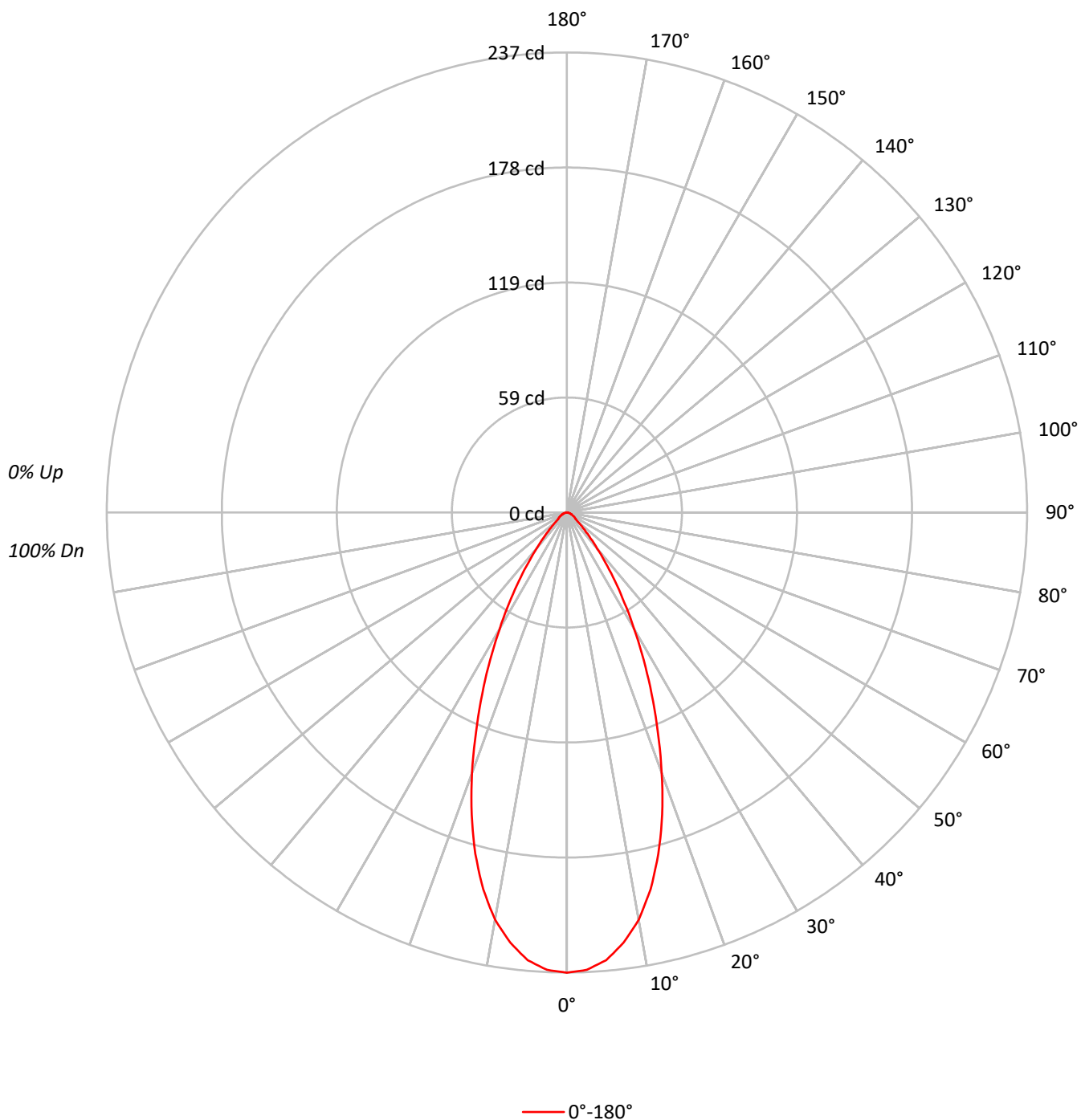
Lumens per Lamp: N/A
Luminaire Lumens: 167.0 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1248127

CATALOG NUMBER: P3AS02R409027DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1248127

CATALOG NUMBER: P3AS02R409027DE010 E3DL1WH

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	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	51991
5°	50957
10°	47427
15°	41340
20°	33323
25°	24969
30°	17547
35°	11511
40°	6956
45°	4155
50°	2490
55°	1988
60°	1798
65°	1557
70°	1475
75°	1186
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4155 cd/sqm

TEST NUMBER: P1248127

CATALOG NUMBER: P3AS02R409027DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.5	12.9
10°-20°	50.2	30.0
20°-30°	47.3	28.3
30°-40°	27.3	16.4
40°-50°	10.9	6.5
50°-60°	4.8	2.9
60°-70°	3.0	1.8
70°-80°	1.6	0.9
80°-90°	0.5	0.3
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°	118.9	71.2
0°-40°	146.2	87.6
0°-60°	161.9	97.0
0°-90°	167.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	167.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	237	
5°	232	21
15°	182	50
25°	103	47
35°	43	27
45°	13	11
55°	5	5
65°	3	3
75°	1	2
85°	0	1
90°	0	

TEST NUMBER: P1248127

CATALOG NUMBER: P3AS02R409027DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	237.1
2.5°	235.8
5°	231.5
7.5°	223.5
10°	213.0
12.5°	198.9
15°	182.1
17.5°	163.2
20°	142.8
22.5°	122.3
25°	103.2
27.5°	85.5
30°	69.3
32.5°	55.2
35°	43.0
37.5°	32.5
40°	24.3
42.5°	18.2
45°	13.4
47.5°	9.8
50°	7.3
52.5°	5.9
55°	5.2
57.5°	4.8
60°	4.1
62.5°	3.4
65°	3.0
67.5°	2.5
70°	2.3
72.5°	1.8
75°	1.4
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)