

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: P1246101

Luminaire Tested: P3A05R309024DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246101
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R309024DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

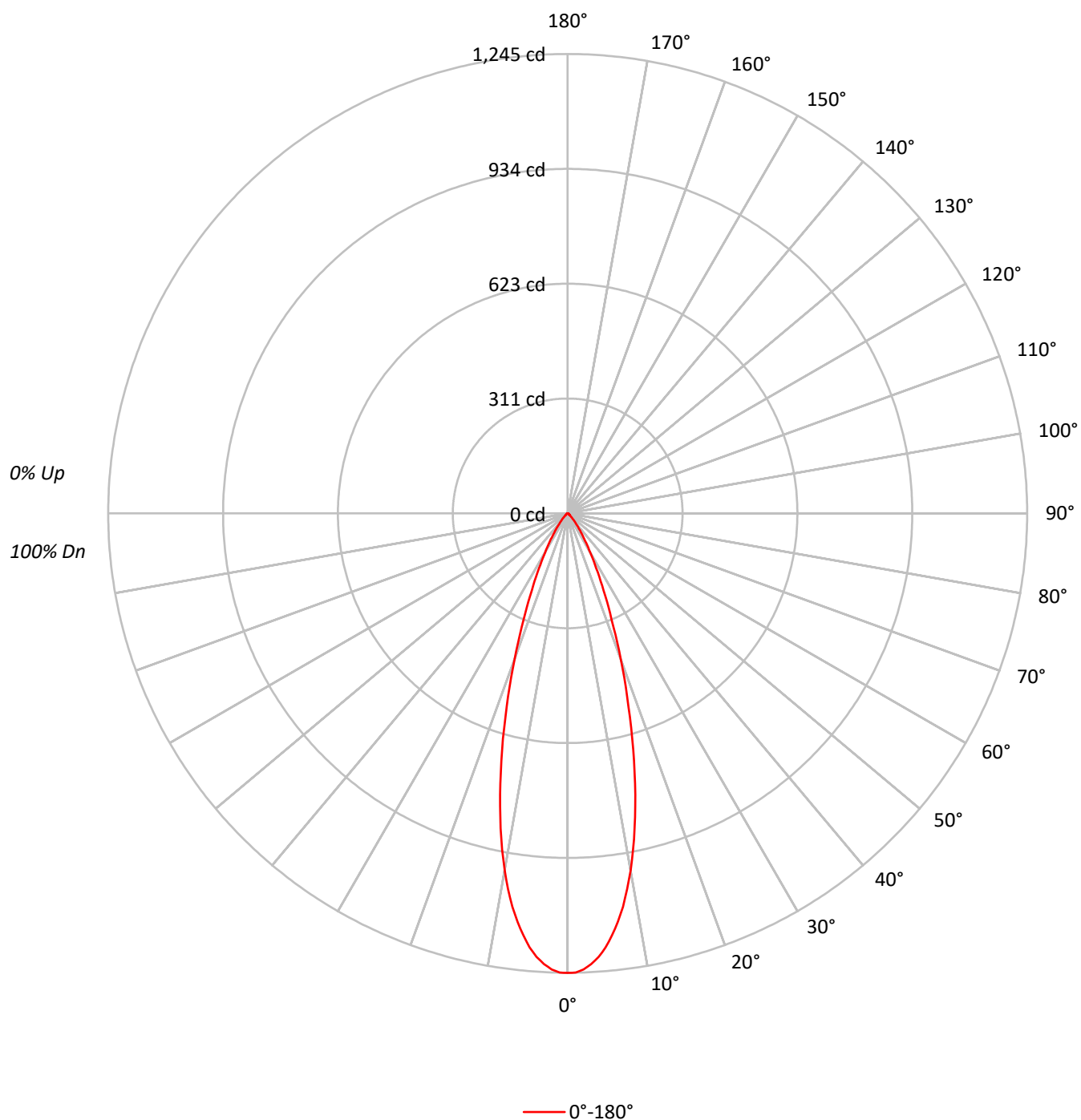
Lumens per Lamp: N/A
Luminaire Lumens: 468.0 lumens
Efficiency: N/A
Efficacy: 65.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1246101

CATALOG NUMBER: P3A05R309024DE010 E3DL1H

Luminous Intensity Polar Plot



TEST NUMBER: P1246101

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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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	273092
5°	259938
10°	218633
15°	157663
20°	97799
25°	55624
30°	30891
35°	16811
40°	8845
45°	4807
50°	2559
55°	1682
60°	1535
65°	1608
70°	1410
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4807 cd/sqm

TEST NUMBER: P1246101

CATALOG NUMBER: P3A05R309024DE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.3	22.7
10°-20°	189.0	40.4
20°-30°	109.2	23.3
30°-40°	41.5	8.9
40°-50°	12.7	2.7
50°-60°	4.3	0.9
60°-70°	2.9	0.6
70°-80°	1.6	0.3
80°-90°	0.5	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°	404.6	86.4
0°-40°	446.0	95.3
0°-60°	463.0	98.9
0°-90°	468.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	468.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1245	
5°	1181	106
15°	694	189
25°	230	109
35°	63	41
45°	16	13
55°	4	4
65°	3	3
75°	1	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1245.4
1°	1244.5
2°	1237.0
3°	1222.9
4°	1205.2
5°	1180.9
6°	1149.9
7°	1115.4
8°	1077.0
9°	1031.0
10°	981.9
11°	928.9
12°	872.7
13°	813.9
14°	754.2
15°	694.5
17.5°	547.8
20°	419.1
22.5°	310.8
25°	229.9
27.5°	167.1
30°	122.0
32.5°	88.0
35°	62.8
37.5°	43.8
40°	30.9
42.5°	21.7
45°	15.5
47.5°	10.6
50°	7.5
52.5°	5.3
55°	4.4
57.5°	4.0
60°	3.5
62.5°	3.1
65°	3.1
67.5°	2.7
70°	2.2
72.5°	1.8
75°	1.3
77.5°	1.3
80°	0.9
82.5°	0.9
85°	0.4
87.5°	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



TEST NUMBER: P1246101
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CANDELA DISTRIBUTION (continued):



(END OF REPORT)