

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: P1258846

Luminaire Tested: P3AS02R309050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258846
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: P3AS02R309050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

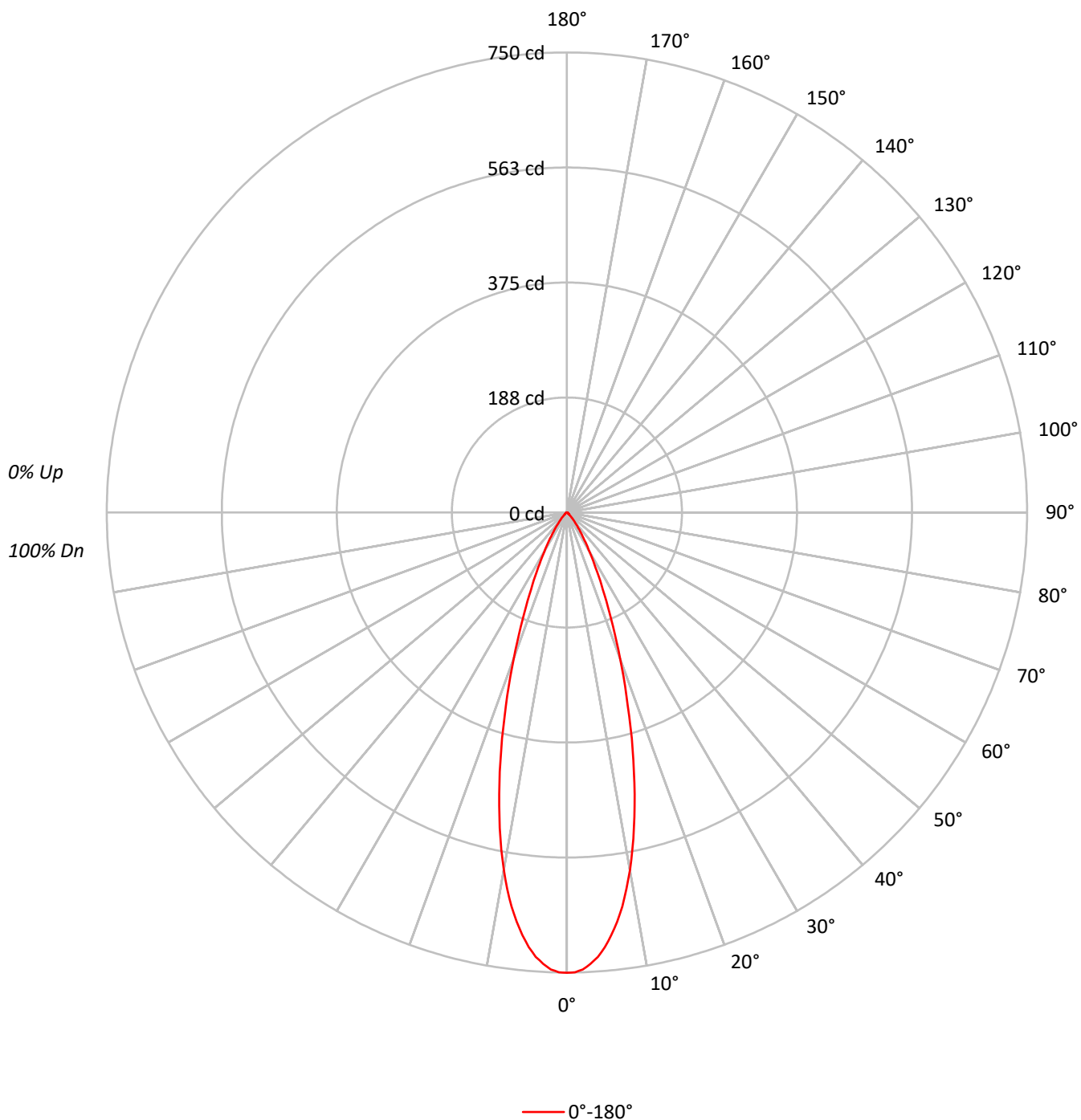
Lumens per Lamp: N/A
Luminaire Lumens: 282.0 lumens
Efficiency: N/A
Efficacy: 78.3 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1258846

CATALOG NUMBER: P3AS02R309050DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1258846

CATALOG NUMBER: P3AS02R309050DE010 E3DL1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		78
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		75
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		71
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		69
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	164548
5°	156614
10°	131750
15°	95006
20°	58922
25°	33510
30°	18610
35°	10119
40°	5324
45°	2884
50°	1535
55°	1032
60°	921
65°	986
70°	833
75°	678
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2884 cd/sqm

TEST NUMBER: P1258846

CATALOG NUMBER: P3AS02R309050DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.1	22.7
10°-20°	113.9	40.4
20°-30°	65.8	23.3
30°-40°	25.0	8.9
40°-50°	7.7	2.7
50°-60°	2.6	0.9
60°-70°	1.8	0.6
70°-80°	0.9	0.3
80°-90°	0.3	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°	243.8	86.4
0°-40°	268.8	95.3
0°-60°	279.0	98.9
0°-90°	282.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	282.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	750	
5°	712	64
15°	418	114
25°	138	66
35°	38	25
45°	9	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1258846

CATALOG NUMBER: P3AS02R309050DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	750.4
1°	749.9
2°	745.4
3°	736.8
4°	726.2
5°	711.5
6°	692.9
7°	672.1
8°	648.9
9°	621.2
10°	591.7
11°	559.7
12°	525.9
13°	490.4
14°	454.5
15°	418.5
17.5°	330.1
20°	252.5
22.5°	187.3
25°	138.5
27.5°	100.7
30°	73.5
32.5°	53.0
35°	37.8
37.5°	26.4
40°	18.6
42.5°	13.1
45°	9.3
47.5°	6.4
50°	4.5
52.5°	3.2
55°	2.7
57.5°	2.4
60°	2.1
62.5°	1.9
65°	1.9
67.5°	1.6
70°	1.3
72.5°	1.1
75°	0.8
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.0



TEST NUMBER: P1258846

CATALOG NUMBER: P3AS02R309050DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)