

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: P1250887

Luminaire Tested: P3AS02R509030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250887
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R509030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

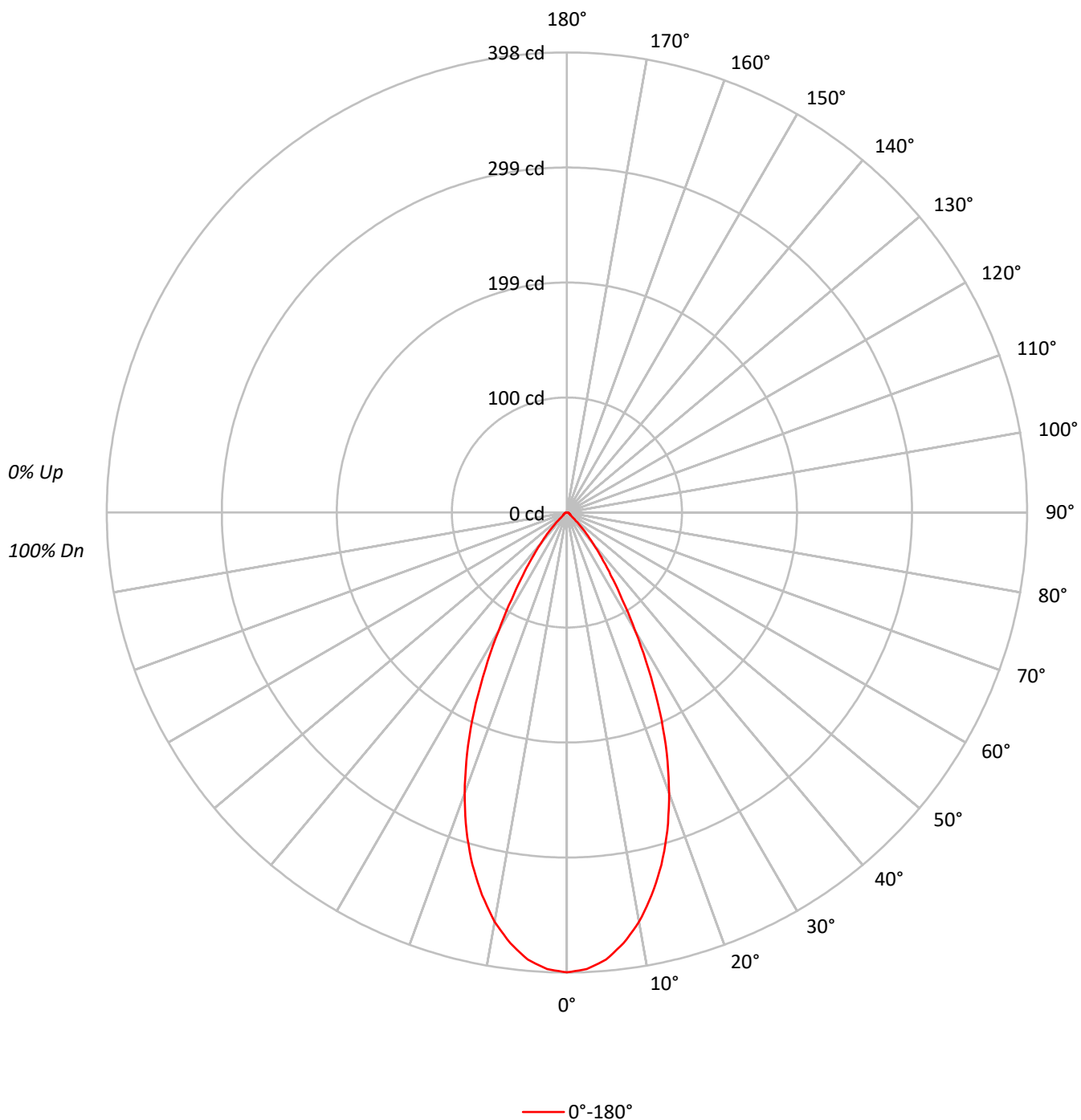
Lumens per Lamp: N/A
Luminaire Lumens: 274.0 lumens
Efficiency: N/A
Efficacy: 76.1 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250887

CATALOG NUMBER: P3AS02R509030DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1250887

CATALOG NUMBER: P3AS02R509030DE010 E3DL1MW

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	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	76	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	87230
5°	85472
10°	80070
15°	71669
20°	60322
25°	46043
30°	29929
35°	17748
40°	10248
45°	5148
50°	1910
55°	1491
60°	1403
65°	1245
70°	1218
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5148 cd/sqm

TEST NUMBER: P1250887

CATALOG NUMBER: P3AS02R509030DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.1	13.2
10°-20°	87.3	31.9
20°-30°	85.7	31.3
30°-40°	43.2	15.8
40°-50°	13.6	5.0
50°-60°	3.5	1.3
60°-70°	2.5	0.9
70°-80°	1.5	0.6
80°-90°	0.5	0.2
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°	209.1	76.3
0°-40°	252.3	92.1
0°-60°	269.4	98.3
0°-90°	274.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	274.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	398	
5°	388	36
15°	316	87
25°	190	86
35°	66	43
45°	17	14
55°	4	4
65°	2	2
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1250887

CATALOG NUMBER: P3AS02R509030DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	397.8
2.5°	395.4
5°	388.3
7.5°	375.7
10°	359.6
12.5°	338.9
15°	315.7
17.5°	288.9
20°	258.5
22.5°	225.6
25°	190.3
27.5°	152.7
30°	118.2
32.5°	88.9
35°	66.3
37.5°	49.0
40°	35.8
42.5°	25.3
45°	16.6
47.5°	9.5
50°	5.6
52.5°	4.1
55°	3.9
57.5°	3.4
60°	3.2
62.5°	2.9
65°	2.4
67.5°	2.2
70°	1.9
72.5°	1.7
75°	1.5
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)