

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: P1261895

Luminaire Tested: P3AS05R309727DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261895
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: P3AS05R309727DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

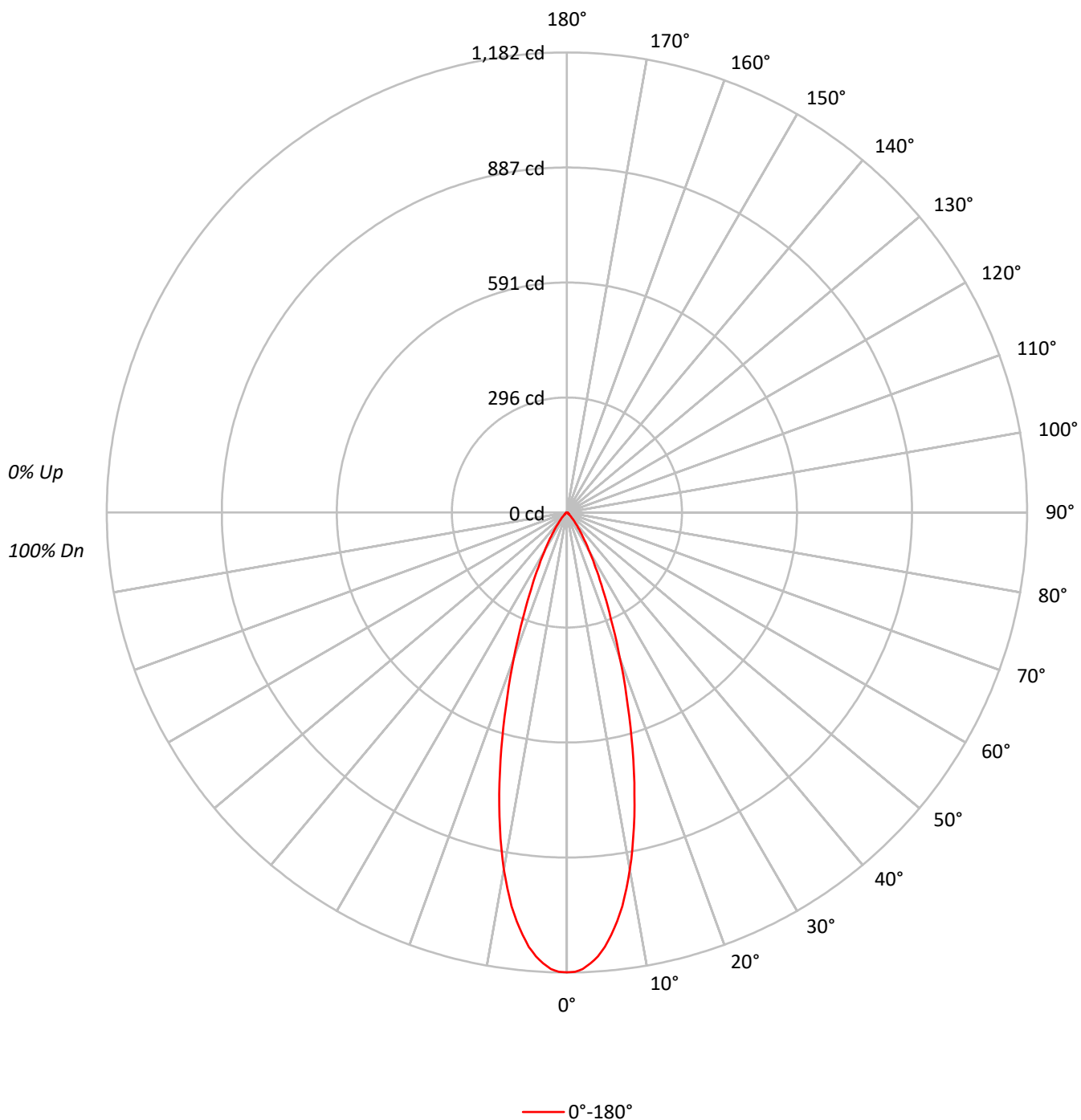
Lumens per Lamp: N/A
Luminaire Lumens: 444.0 lumens
Efficiency: N/A
Efficacy: 61.7 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261895

CATALOG NUMBER: P3AS05R309727DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1261895

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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°	259080
5°	246599
10°	207433
15°	149581
20°	92781
25°	52769
30°	29321
35°	15954
40°	8416
45°	4559
50°	2422
55°	1606
60°	1491
65°	1505
70°	1346
75°	1101
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4559 cd/sqm

TEST NUMBER: P1261895

CATALOG NUMBER: P3AS05R309727DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.9	22.7
10°-20°	179.3	40.4
20°-30°	103.6	23.3
30°-40°	39.3	8.9
40°-50°	12.1	2.7
50°-60°	4.1	0.9
60°-70°	2.7	0.6
70°-80°	1.5	0.3
80°-90°	0.4	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°	383.8	86.4
0°-40°	423.2	95.3
0°-60°	439.3	98.9
0°-90°	444.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	444.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1182	
5°	1120	101
15°	659	179
25°	218	104
35°	60	39
45°	15	12
55°	4	4
65°	3	3
75°	1	2
85°	0	0
90°	0	

TEST NUMBER: P1261895

CATALOG NUMBER: P3AS05R309727DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1181.5
1°	1180.7
2°	1173.6
3°	1160.1
4°	1143.4
5°	1120.3
6°	1090.9
7°	1058.2
8°	1021.7
9°	978.1
10°	931.6
11°	881.2
12°	828.0
13°	772.2
14°	715.5
15°	658.9
17.5°	519.7
20°	397.6
22.5°	294.9
25°	218.1
27.5°	158.5
30°	115.8
32.5°	83.5
35°	59.6
37.5°	41.5
40°	29.4
42.5°	20.6
45°	14.7
47.5°	10.1
50°	7.1
52.5°	5.0
55°	4.2
57.5°	3.8
60°	3.4
62.5°	2.9
65°	2.9
67.5°	2.5
70°	2.1
72.5°	1.7
75°	1.3
77.5°	1.3
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0



TEST NUMBER: P1261895

CATALOG NUMBER: P3AS05R309727DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)