

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: P1253594

Luminaire Tested: P3AS02R509035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253594
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: P3AS02R509035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

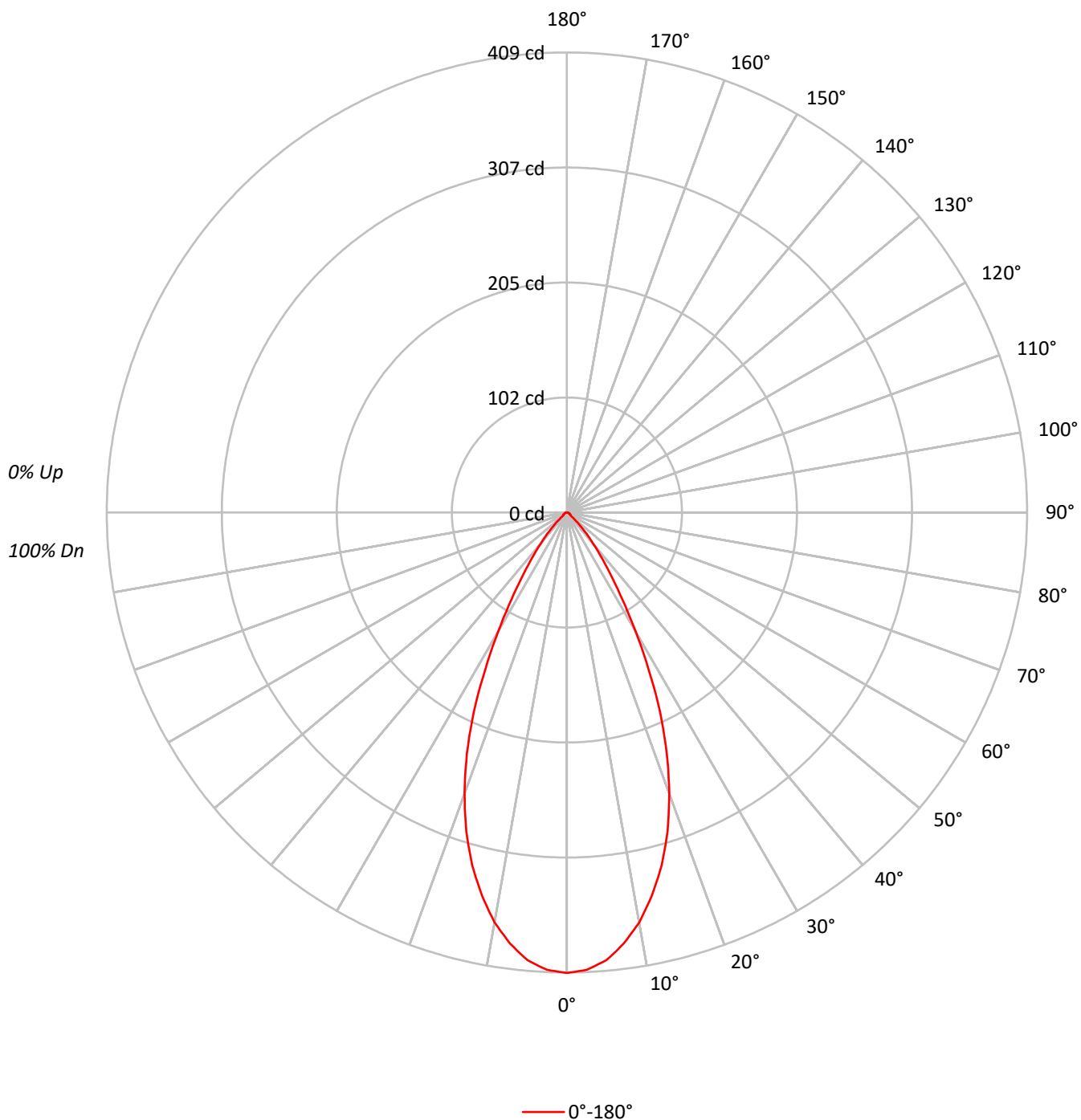
Lumens per Lamp: N/A
Luminaire Lumens: 282.1 lumens
Efficiency: N/A
Efficacy: 78.4 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	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	75	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°	89774
5°	87981
10°	82408
15°	73758
20°	62072
25°	47374
30°	30790
35°	18257
40°	10563
45°	5272
50°	1979
55°	1529
60°	1447
65°	1297
70°	1282
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5272 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.2	13.2
10°-20°	89.9	31.9
20°-30°	88.2	31.3
30°-40°	44.4	15.7
40°-50°	14.0	5.0
50°-60°	3.6	1.3
60°-70°	2.6	0.9
70°-80°	1.6	0.6
80°-90°	0.6	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°	215.2	76.3
0°-40°	259.6	92.0
0°-60°	277.3	98.3
0°-90°	282.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	282.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	409	
5°	400	37
15°	325	90
25°	196	88
35°	68	44
45°	17	14
55°	4	4
65°	2	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	409.4
2.5°	406.9
5°	399.7
7.5°	386.6
10°	370.1
12.5°	348.8
15°	324.9
17.5°	297.4
20°	266.0
22.5°	232.2
25°	195.8
27.5°	157.2
30°	121.6
32.5°	91.5
35°	68.2
37.5°	50.4
40°	36.9
42.5°	26.1
45°	17.0
47.5°	9.8
50°	5.8
52.5°	4.3
55°	4.0
57.5°	3.5
60°	3.3
62.5°	3.0
65°	2.5
67.5°	2.3
70°	2.0
72.5°	1.8
75°	1.5
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)