

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: P1253710

Luminaire Tested: P3AS02R709035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253710
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

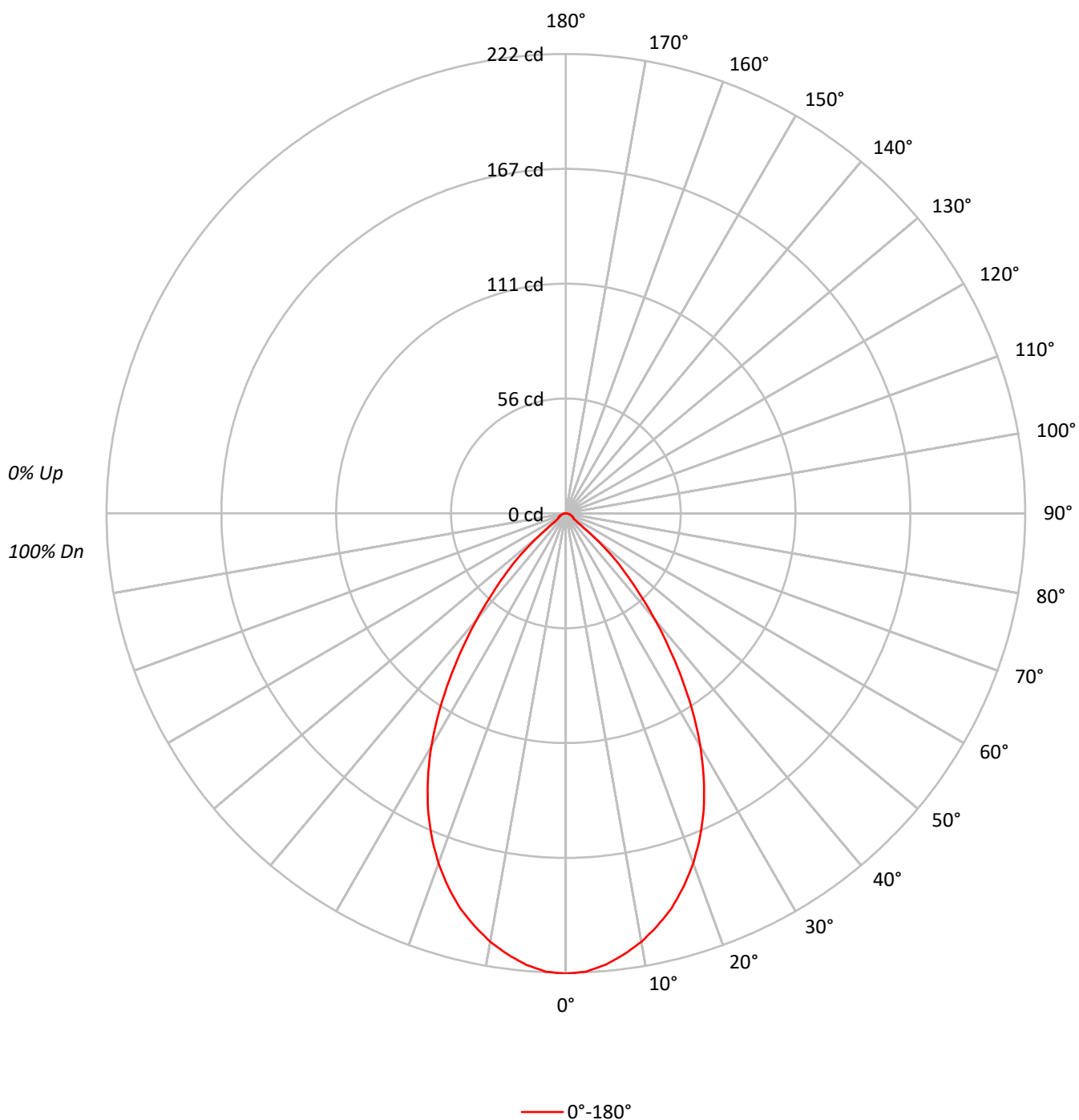
Lumens per Lamp: N/A
Luminaire Lumens: 252.1 lumens
Efficiency: N/A
Efficacy: 70.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48790
5°	48206
10°	46804
15°	44836
20°	41980
25°	38155
30°	32942
35°	26261
40°	19122
45°	12559
50°	5902
55°	1835
60°	1754
65°	1712
70°	1603
75°	1694
80°	1642
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	8.2
10°-20°	55.3	21.9
20°-30°	71.8	28.5
30°-40°	60.9	24.2
40°-50°	31.4	12.5
50°-60°	6.1	2.4
60°-70°	3.3	1.3
70°-80°	2.0	0.8
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°	147.7	58.6
0°-40°	208.7	82.8
0°-60°	246.1	97.6
0°-90°	252.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	252.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	222	
5°	219	21
15°	198	55
25°	158	72
35°	98	61
45°	40	31
55°	5	6
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	222.5
2.5°	221.7
5°	219.0
7.5°	215.0
10°	210.2
12.5°	204.2
15°	197.5
17.5°	189.2
20°	179.9
22.5°	169.4
25°	157.7
27.5°	144.4
30°	130.1
32.5°	114.4
35°	98.1
37.5°	82.1
40°	66.8
42.5°	52.6
45°	40.5
47.5°	29.8
50°	17.3
52.5°	7.5
55°	4.8
57.5°	4.5
60°	4.0
62.5°	3.8
65°	3.3
67.5°	3.0
70°	2.5
72.5°	2.3
75°	2.0
77.5°	1.5
80°	1.3
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)