

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: P1261616

Luminaire Tested: P3AS02R559727DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261616
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559727DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

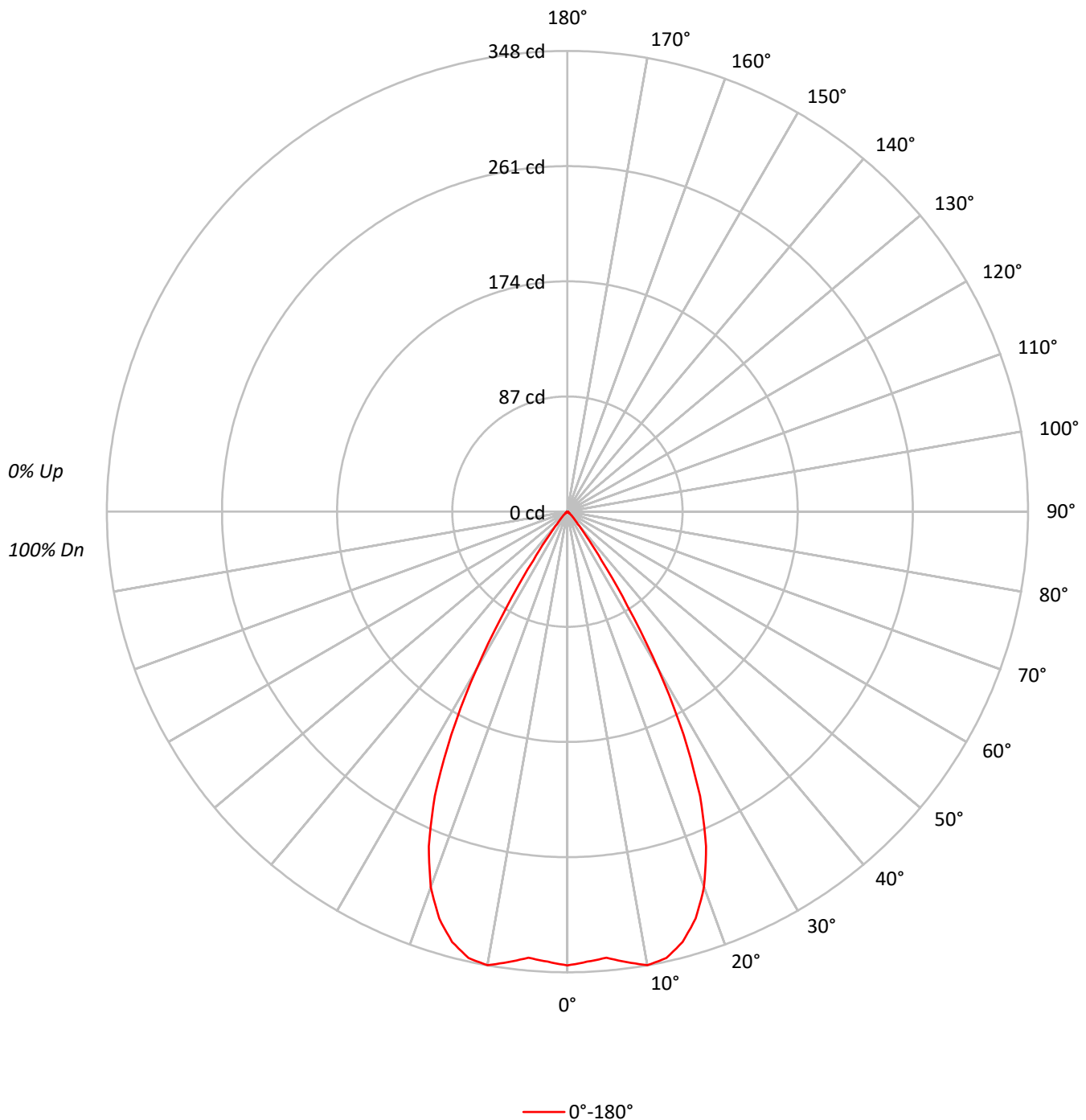
Lumens per Lamp: N/A
Luminaire Lumens: 271.0 lumens
Efficiency: N/A
Efficacy: 75.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	111	109	107	112	109	107	105	105	104	102		101	100	99		94
2	109	104	101	98	107	103	99	96	100	97	94		97	94	92		89
3	104	98	94	90	102	97	93	89	94	91	88		92	89	86		84
4	99	92	87	84	98	91	87	83	89	85	82		87	84	81		79
5	95	87	82	78	93	86	81	78	85	80	77		83	79	76		74
6	91	83	77	73	89	82	77	73	80	76	72		79	75	72		70
7	87	78	73	69	85	78	72	69	76	72	68		75	71	68		66
8	83	74	69	65	82	74	69	65	73	68	65		72	67	64		63
9	79	71	65	62	78	70	65	61	69	64	61		68	64	61		60
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75169
5°	74466
10°	77465
15°	76391
20°	70426
25°	57318
30°	34815
35°	12046
40°	3435
45°	1644
50°	682
55°	306
60°	351
65°	311
70°	256
75°	339
80°	253
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1644 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.7	12.1
10°-20°	93.5	34.5
20°-30°	104.2	38.5
30°-40°	34.1	12.6
40°-50°	4.5	1.7
50°-60°	0.9	0.3
60°-70°	0.5	0.2
70°-80°	0.3	0.1
80°-90°	0.1	0.0
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°	230.5	85.1
0°-40°	264.6	97.6
0°-60°	270.0	99.6
0°-90°	271.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	271.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	343	
5°	338	33
15°	336	94
25°	237	104
35°	45	34
45°	5	4
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	342.8
2.5°	340.3
5°	338.3
7.5°	343.2
10°	347.9
12.5°	345.4
15°	336.5
17.5°	322.2
20°	301.8
22.5°	273.7
25°	236.9
27.5°	190.0
30°	137.5
32.5°	84.3
35°	45.0
37.5°	22.8
40°	12.0
42.5°	7.7
45°	5.3
47.5°	3.7
50°	2.0
52.5°	1.2
55°	0.8
57.5°	0.8
60°	0.8
62.5°	0.6
65°	0.6
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.2
80°	0.2
82.5°	0.2
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)