

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: P1273009

Luminaire Tested: P3A02R359830DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273009
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R359830DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

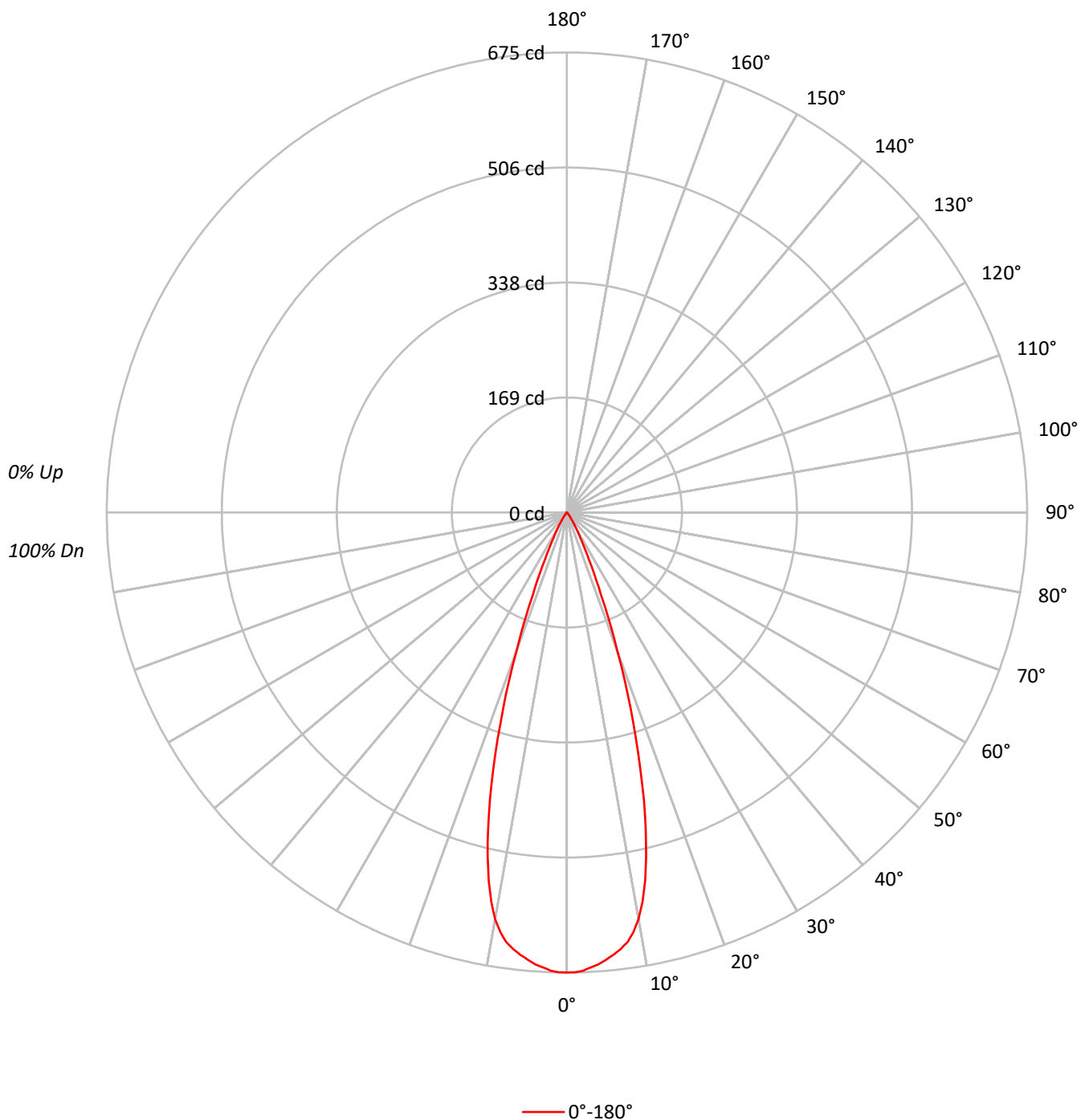
Lumens per Lamp: N/A
Luminaire Lumens: 227.0 lumens
Efficiency: N/A
Efficacy: 63.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	87	99	93	89	86	92	88	85		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	82		87	84	82		86
7	94	87	83	80	93	87	83	80	86	82	79		85	81	79		84
8	91	84	80	77	90	84	80	77	83	79	77		82	79	76		81
9	89	82	77	74	88	81	77	74	80	77	74		80	76	74		79
10	86	79	75	72	85	79	75	72	78	74	72		77	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	148014
5°	145014
10°	134890
15°	98911
20°	50638
25°	18243
30°	7115
35°	2490
40°	1031
45°	279
50°	239
55°	268
60°	219
65°	208
70°	256
75°	339
80°	253
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 339 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.4	27.0
10°-20°	115.2	50.8
20°-30°	40.8	18.0
30°-40°	7.2	3.2
40°-50°	1.0	0.5
50°-60°	0.6	0.2
60°-70°	0.4	0.2
70°-80°	0.3	0.2
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°	217.4	95.8
0°-40°	224.6	98.9
0°-60°	226.2	99.6
0°-90°	227.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	227.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	675	
5°	659	61
15°	436	115
25°	75	41
35°	9	7
45°	1	1
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	675.0
1°	674.8
2°	672.7
3°	668.6
4°	664.8
5°	658.8
6°	652.5
7°	645.5
8°	636.9
9°	623.5
10°	605.8
11°	581.3
12°	551.9
13°	516.8
14°	478.2
15°	435.7
17.5°	324.5
20°	217.0
22.5°	130.9
25°	75.4
27.5°	45.0
30°	28.1
32.5°	16.3
35°	9.3
37.5°	5.9
40°	3.6
42.5°	1.8
45°	0.9
47.5°	0.7
50°	0.7
52.5°	0.7
55°	0.7
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.4
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



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)