

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: P1273704

Luminaire Tested: P3A09R359830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273704
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

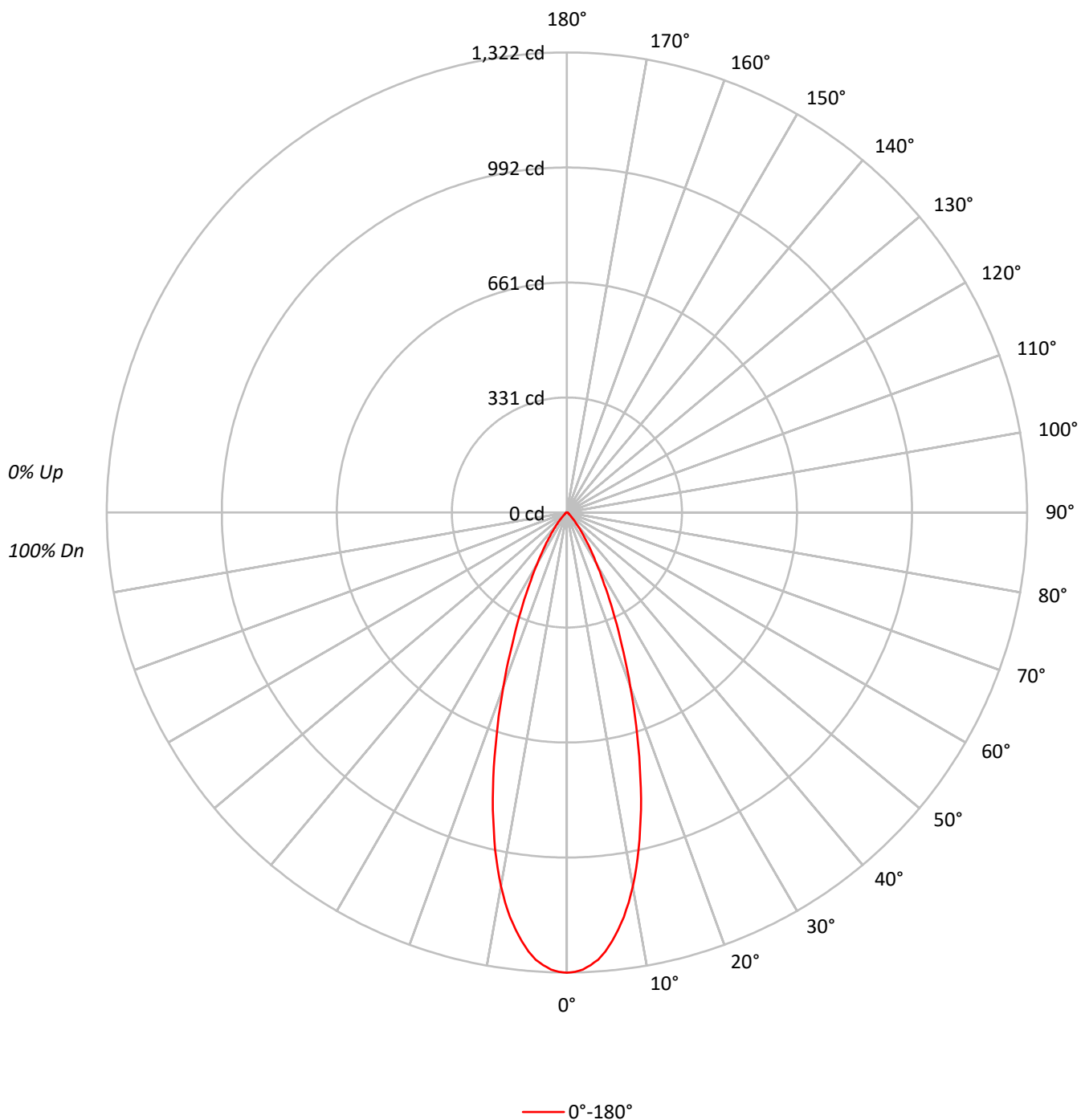
Lumens per Lamp: N/A
Luminaire Lumens: 574.9 lumens
Efficiency: N/A
Efficacy: 52.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	289999
5°	278714
10°	242837
15°	185994
20°	124447
25°	75295
30°	43197
35°	24146
40°	12853
45°	6605
50°	3173
55°	2523
60°	2412
65°	1972
70°	2116
75°	1864
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6605 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.2	20.0
10°-20°	223.3	38.8
20°-30°	146.2	25.4
30°-40°	59.3	10.3
40°-50°	17.8	3.1
50°-60°	6.1	1.1
60°-70°	4.1	0.7
70°-80°	2.4	0.4
80°-90°	0.8	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°	484.6	84.3
0°-40°	543.9	94.6
0°-60°	567.7	98.7
0°-90°	574.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	574.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1322	
5°	1266	115
15°	819	223
25°	311	146
35°	90	59
45°	21	18
55°	7	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1322.5
1°	1320.3
2°	1314.3
3°	1302.3
4°	1288.1
5°	1266.2
6°	1238.8
7°	1208.2
8°	1173.8
9°	1134.4
10°	1090.6
11°	1041.9
12°	991.1
13°	934.2
14°	880.0
15°	819.3
17.5°	672.2
20°	533.3
22.5°	410.2
25°	311.2
27.5°	231.9
30°	170.6
32.5°	125.3
35°	90.2
37.5°	64.0
40°	44.9
42.5°	31.2
45°	21.3
47.5°	14.2
50°	9.3
52.5°	7.1
55°	6.6
57.5°	6.0
60°	5.5
62.5°	4.9
65°	3.8
67.5°	3.3
70°	3.3
72.5°	2.7
75°	2.2
77.5°	1.6
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)