

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: P1273868

Luminaire Tested: P3A09R659830DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273868
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R659830DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

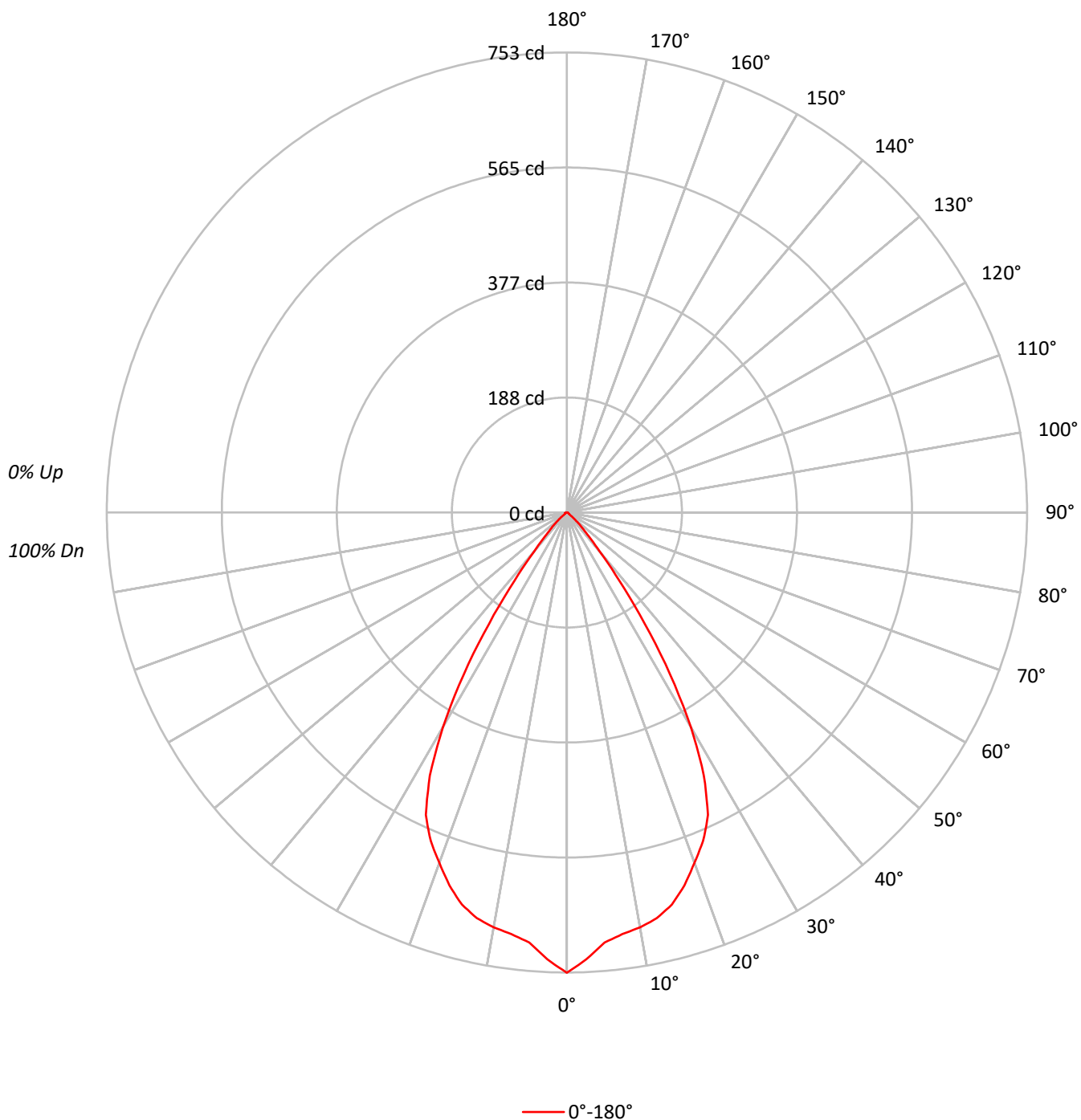
Lumens per Lamp: N/A
Luminaire Lumens: 676.0 lumens
Efficiency: N/A
Efficacy: 61.5 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10	70	50	30	10	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	102	102	102			100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95			94
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89			87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83			81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77			75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72			70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67			66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63			62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59			58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56			54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52			51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	165206
5°	155492
10°	153504
15°	150807
20°	142369
25°	132153
30°	102725
35°	59428
40°	23931
45°	11009
50°	4298
55°	1682
60°	1447
65°	1401
70°	1410
75°	1356
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11009 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.1	9.9
10°-20°	185.5	27.4
20°-30°	242.8	35.9
30°-40°	140.7	20.8
40°-50°	30.1	4.5
50°-60°	4.9	0.7
60°-70°	2.7	0.4
70°-80°	1.6	0.2
80°-90°	0.6	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°	495.5	73.3
0°-40°	636.1	94.1
0°-60°	671.1	99.3
0°-90°	676.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	676.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	753	
5°	706	67
15°	664	186
25°	546	243
35°	222	141
45°	36	30
55°	4	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	753.4
2.5°	732.0
5°	706.4
7.5°	696.0
10°	689.4
12.5°	680.1
15°	664.3
17.5°	639.7
20°	610.1
22.5°	582.2
25°	546.2
27.5°	485.5
30°	405.7
32.5°	314.4
35°	222.0
37.5°	140.5
40°	83.6
42.5°	52.5
45°	35.5
47.5°	23.0
50°	12.6
52.5°	6.0
55°	4.4
57.5°	3.8
60°	3.3
62.5°	3.3
65°	2.7
67.5°	2.2
70°	2.2
72.5°	1.6
75°	1.6
77.5°	1.1
80°	1.1
82.5°	0.5
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)