

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: P1273889

Luminaire Tested: P3A09R659830DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273889
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R659830DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

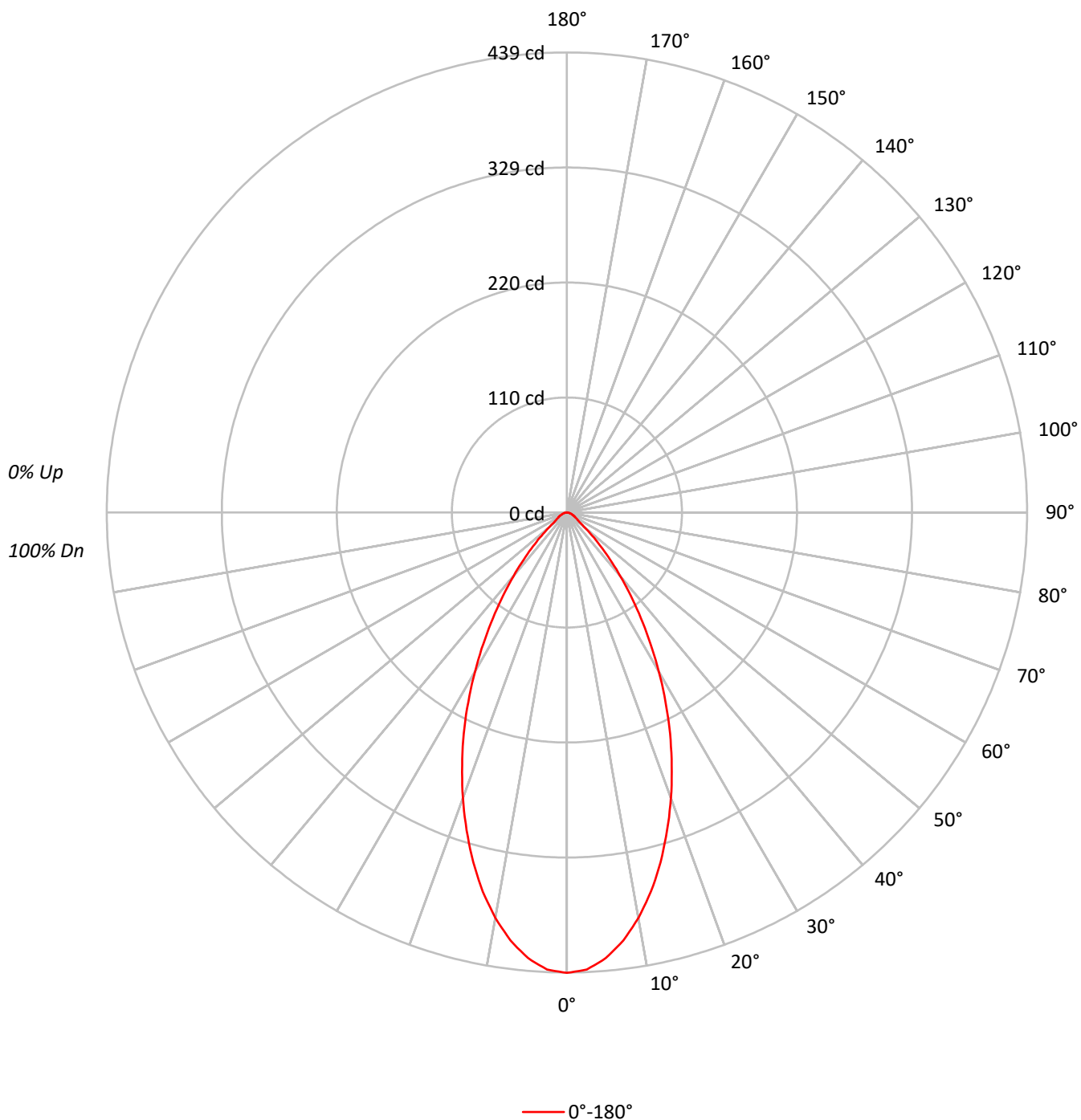
Lumens per Lamp: N/A
Luminaire Lumens: 379.0 lumens
Efficiency: N/A
Efficacy: 34.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	96330
5°	93946
10°	87484
15°	78389
20°	67719
25°	56326
30°	44412
35°	32899
40°	22671
45°	14079
50°	7642
55°	4817
60°	4079
65°	3684
70°	3142
75°	2796
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14079 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.7	10.5
10°-20°	96.0	25.3
20°-30°	106.1	28.0
30°-40°	77.1	20.3
40°-50°	36.1	9.5
50°-60°	12.2	3.2
60°-70°	7.0	1.9
70°-80°	3.7	1.0
80°-90°	1.2	0.3
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°	241.8	63.8
0°-40°	318.8	84.1
0°-60°	367.1	96.9
0°-90°	379.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	379.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	439	
5°	427	40
15°	345	96
25°	233	106
35°	123	77
45°	45	36
55°	13	12
65°	7	7
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	439.3
2.5°	436.6
5°	426.8
7.5°	412.0
10°	392.9
12.5°	370.5
15°	345.3
17.5°	318.0
20°	290.2
22.5°	261.2
25°	232.8
27.5°	203.8
30°	175.4
32.5°	148.1
35°	122.9
37.5°	100.0
40°	79.2
42.5°	60.7
45°	45.4
47.5°	32.8
50°	22.4
52.5°	15.3
55°	12.6
57.5°	10.9
60°	9.3
62.5°	8.2
65°	7.1
67.5°	6.0
70°	4.9
72.5°	4.4
75°	3.3
77.5°	2.7
80°	2.2
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)