

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: P1267300

Luminaire Tested: P3A10R129735DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267300
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A10R129735DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

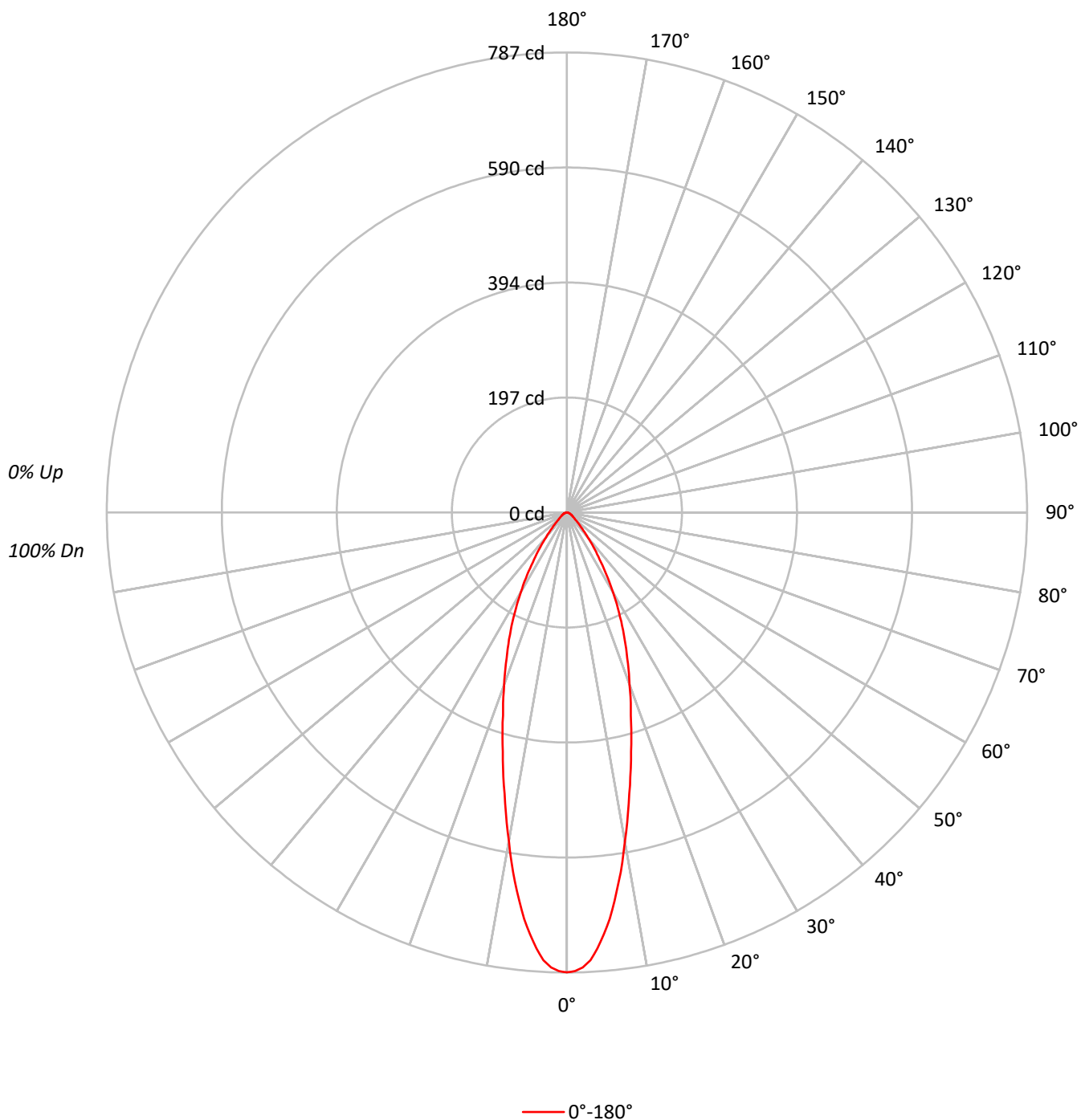
Lumens per Lamp: N/A
Luminaire Lumens: 399.9 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	73		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172486
5°	159432
10°	127274
15°	96141
20°	73203
25°	55794
30°	39956
35°	26073
40°	16001
45°	9675
50°	6413
55°	4970
60°	4254
65°	3684
70°	3334
75°	3304
80°	2399
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9675 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.2	16.0
10°-20°	118.4	29.6
20°-30°	105.4	26.4
30°-40°	62.3	15.6
40°-50°	25.6	6.4
50°-60°	12.0	3.0
60°-70°	7.3	1.8
70°-80°	3.8	1.0
80°-90°	0.9	0.2
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°	287.9	72.0
0°-40°	350.3	87.6
0°-60°	387.8	97.0
0°-90°	399.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	399.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	787	
5°	724	64
15°	424	118
25°	231	105
35°	97	62
45°	31	26
55°	13	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	786.6
1°	784.7
2°	778.8
3°	767.1
4°	747.6
5°	724.3
6°	698.9
7°	669.0
8°	637.9
9°	606.0
10°	571.6
12.5°	493.0
15°	423.5
17.5°	363.8
20°	313.7
22.5°	269.6
25°	230.6
27.5°	192.9
30°	157.8
32.5°	126.0
35°	97.4
37.5°	74.7
40°	55.9
42.5°	41.6
45°	31.2
47.5°	24.0
50°	18.8
52.5°	15.6
55°	13.0
57.5°	11.0
60°	9.7
62.5°	8.4
65°	7.1
67.5°	6.5
70°	5.2
72.5°	4.5
75°	3.9
77.5°	2.6
80°	1.9
82.5°	1.3
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)