

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: P1268512

Luminaire Tested: P3A02R129740DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268512
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: P3A02R129740DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

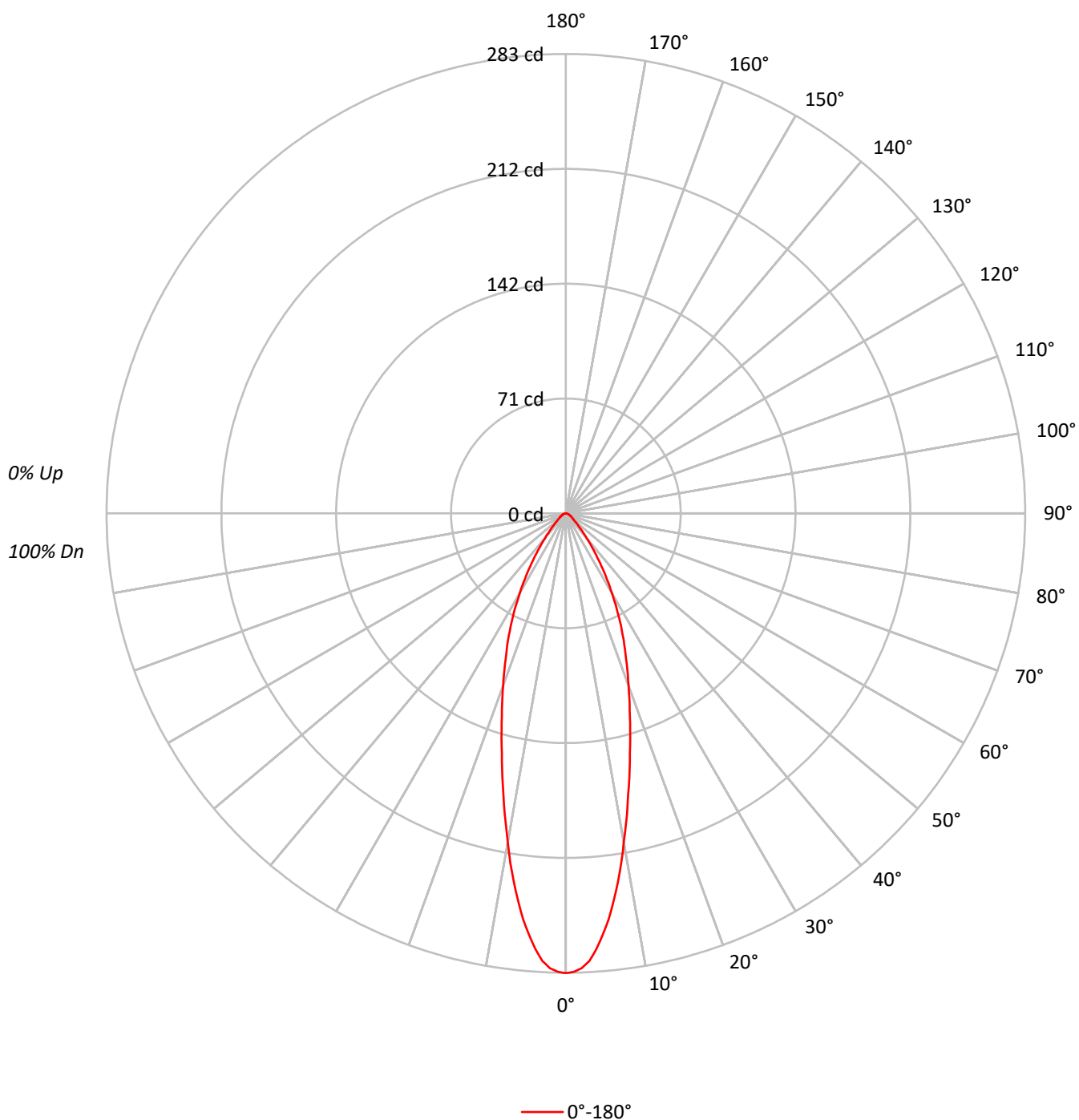
Lumens per Lamp: N/A
Luminaire Lumens: 144.0 lumens
Efficiency: N/A
Efficacy: 38.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.7
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°	62100
5°	57385
10°	45824
15°	34620
20°	26346
25°	20082
30°	14382
35°	9396
40°	5754
45°	3473
50°	2320
55°	1797
60°	1535
65°	1349
70°	1218
75°	1186
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3473 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.1	16.0
10°-20°	42.6	29.6
20°-30°	37.9	26.3
30°-40°	22.5	15.6
40°-50°	9.2	6.4
50°-60°	4.3	3.0
60°-70°	2.6	1.8
70°-80°	1.4	1.0
80°-90°	0.3	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°	103.7	72.0
0°-40°	126.1	87.6
0°-60°	139.7	97.0
0°-90°	144.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	144.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	283	
5°	261	23
15°	152	43
25°	83	38
35°	35	22
45°	11	9
55°	5	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	283.2
1°	282.5
2°	280.4
3°	276.2
4°	269.2
5°	260.7
6°	251.6
7°	240.9
8°	229.6
9°	218.2
10°	205.8
12.5°	177.5
15°	152.5
17.5°	131.0
20°	112.9
22.5°	97.0
25°	83.0
27.5°	69.5
30°	56.8
32.5°	45.4
35°	35.1
37.5°	26.9
40°	20.1
42.5°	15.0
45°	11.2
47.5°	8.7
50°	6.8
52.5°	5.6
55°	4.7
57.5°	4.0
60°	3.5
62.5°	3.0
65°	2.6
67.5°	2.3
70°	1.9
72.5°	1.6
75°	1.4
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)