

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: P1262542

Luminaire Tested: P3AS10R129727DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262542
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: P3AS10R129727DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

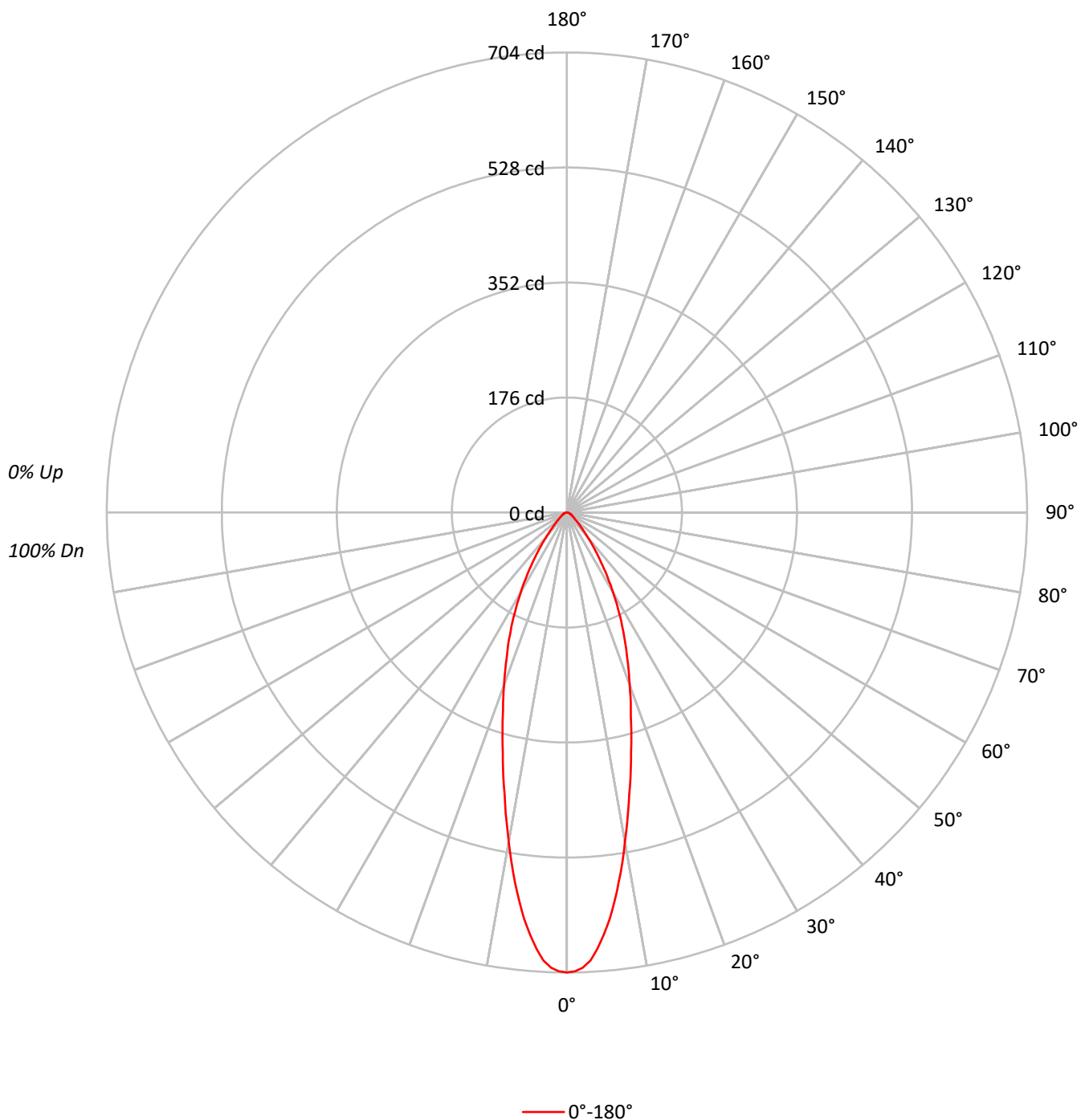
Lumens per Lamp: N/A
Luminaire Lumens: 358.1 lumens
Efficiency: N/A
Efficacy: 30.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	72		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		67
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°	154374
5°	142681
10°	113915
15°	86039
20°	65526
25°	49938
30°	35778
35°	23343
40°	14313
45°	8652
50°	5765
55°	4435
60°	3815
65°	3321
70°	3013
75°	2965
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.4	16.0
10°-20°	105.9	29.6
20°-30°	94.3	26.3
30°-40°	55.8	15.6
40°-50°	22.9	6.4
50°-60°	10.8	3.0
60°-70°	6.6	1.8
70°-80°	3.5	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°	257.7	72.0
0°-40°	313.5	87.6
0°-60°	347.2	97.0
0°-90°	358.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	358.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	704	
5°	648	57
15°	379	106
25°	206	94
35°	87	56
45°	28	23
55°	12	11
65°	6	7
75°	4	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	704.0
1°	702.3
2°	697.0
3°	686.6
4°	669.1
5°	648.2
6°	625.5
7°	598.8
8°	570.9
9°	542.4
10°	511.6
12.5°	441.2
15°	379.0
17.5°	325.6
20°	280.8
22.5°	241.3
25°	206.4
27.5°	172.7
30°	141.3
32.5°	112.8
35°	87.2
37.5°	66.9
40°	50.0
42.5°	37.2
45°	27.9
47.5°	21.5
50°	16.9
52.5°	14.0
55°	11.6
57.5°	9.9
60°	8.7
62.5°	7.6
65°	6.4
67.5°	5.8
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.3
80°	1.7
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)