

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: P1268049

Luminaire Tested: P3A18R129735D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268049
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A18R129735D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

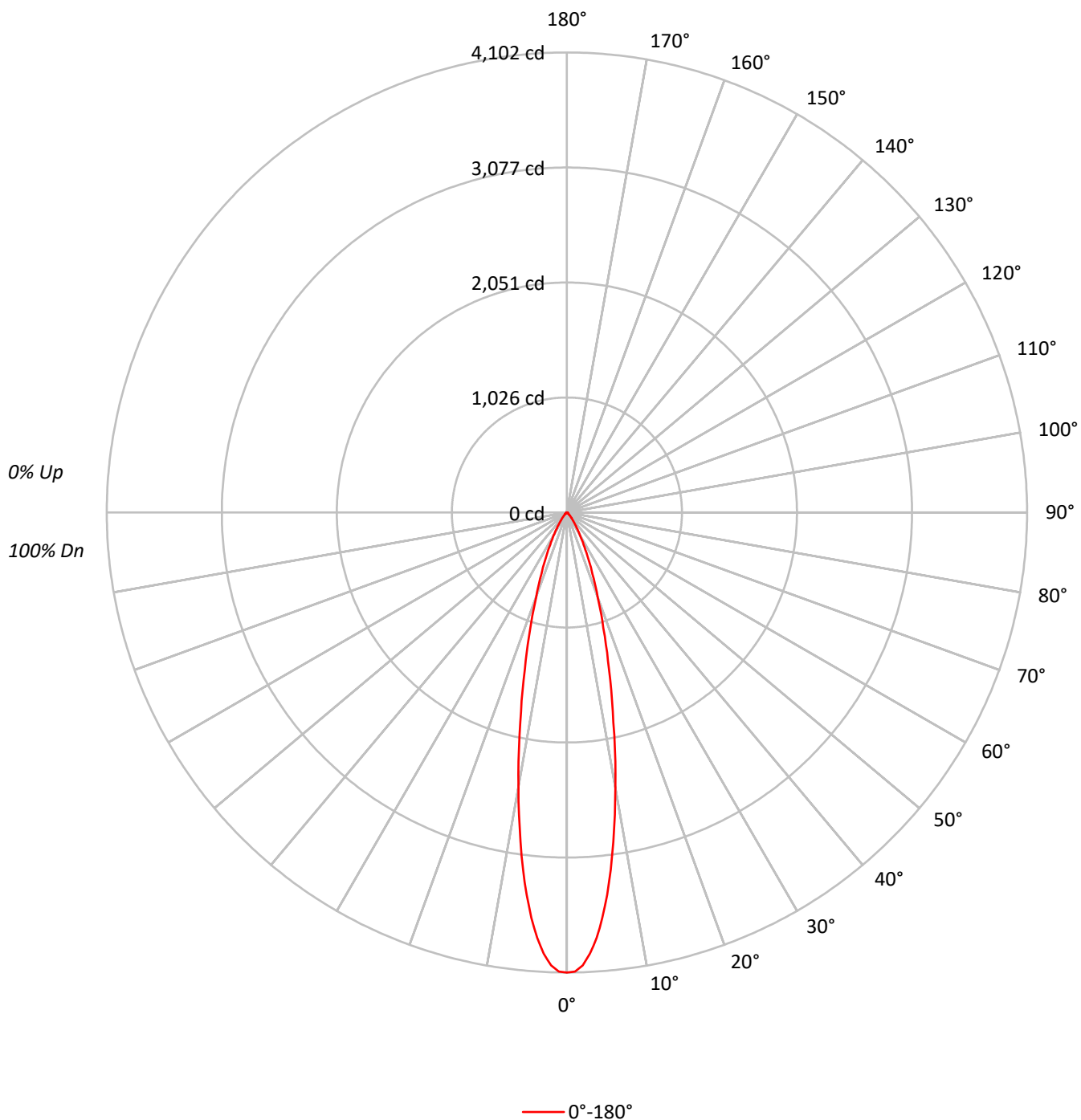
Lumens per Lamp: N/A
Luminaire Lumens: 1053.0 lumens
Efficiency: N/A
Efficacy: 46.0 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	899533
5°	798479
10°	554499
15°	327925
20°	186776
25°	106772
30°	59072
35°	31507
40°	17433
45°	9427
50°	5868
55°	4664
60°	3991
65°	3684
70°	3270
75°	3474
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9427 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	308.5	29.3
10°-20°	407.1	38.7
20°-30°	209.6	19.9
30°-40°	78.7	7.5
40°-50°	25.7	2.4
50°-60°	11.1	1.1
60°-70°	7.0	0.7
70°-80°	4.2	0.4
80°-90°	1.1	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°	925.2	87.9
0°-40°	1003.9	95.3
0°-60°	1040.7	98.8
0°-90°	1053.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1053.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4102	
5°	3628	308
15°	1444	407
25°	441	210
35°	118	79
45°	30	26
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4102.2
1°	4094.1
2°	4040.3
3°	3937.9
4°	3803.0
5°	3627.5
6°	3428.7
7°	3210.6
8°	2968.1
9°	2728.7
10°	2490.3
12.5°	1916.2
15°	1444.5
17.5°	1081.3
20°	800.4
22.5°	597.5
25°	441.3
27.5°	321.6
30°	233.3
32.5°	165.3
35°	117.7
37.5°	84.2
40°	60.9
42.5°	43.6
45°	30.4
47.5°	22.3
50°	17.2
52.5°	14.2
55°	12.2
57.5°	10.1
60°	9.1
62.5°	8.1
65°	7.1
67.5°	6.1
70°	5.1
72.5°	5.1
75°	4.1
77.5°	3.0
80°	2.0
82.5°	2.0
85°	1.0
87.5°	0.0
90°	0.0

(END OF REPORT)