

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: P1254930

Luminaire Tested: P3AS17R129035DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254930
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: P3AS17R129035DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

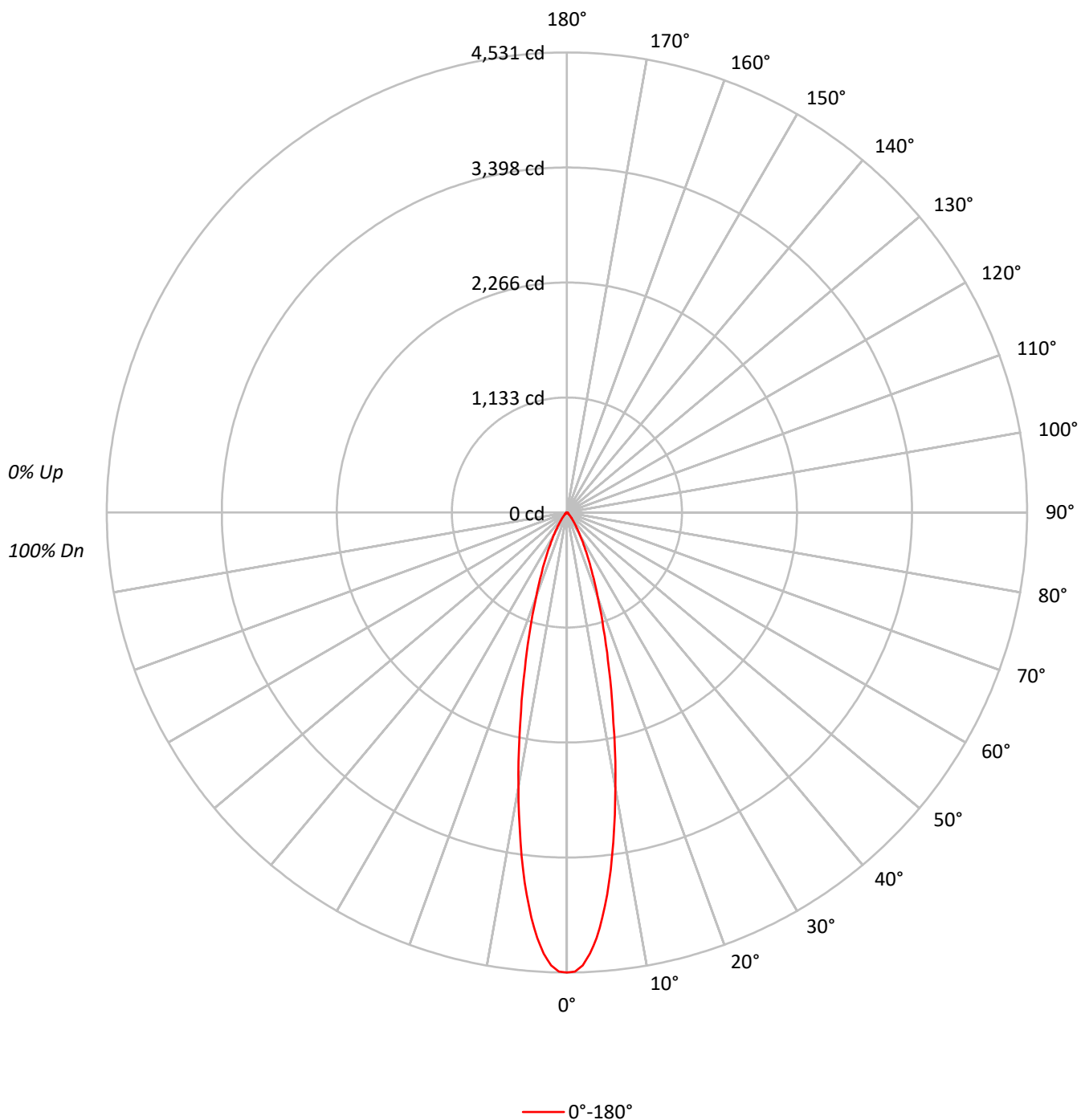
Lumens per Lamp: N/A
Luminaire Lumens: 1163.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	993517
5°	881882
10°	612436
15°	362181
20°	206285
25°	117926
30°	65251
35°	34800
40°	19236
45°	10420
50°	6482
55°	5123
60°	4429
65°	4047
70°	3590
75°	3813
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10420 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	340.7	29.3
10°-20°	449.6	38.7
20°-30°	231.5	19.9
30°-40°	86.9	7.5
40°-50°	28.4	2.4
50°-60°	12.2	1.1
60°-70°	7.8	0.7
70°-80°	4.6	0.4
80°-90°	1.2	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°	1021.8	87.9
0°-40°	1108.8	95.3
0°-60°	1149.4	98.8
0°-90°	1163.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1163.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4531	
5°	4006	341
15°	1595	450
25°	487	232
35°	130	87
45°	34	28
55°	13	12
65°	8	8
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4530.8
1°	4521.8
2°	4462.4
3°	4349.3
4°	4200.2
5°	4006.4
6°	3786.8
7°	3546.0
8°	3278.2
9°	3013.8
10°	2750.5
12.5°	2116.4
15°	1595.4
17.5°	1194.3
20°	884.0
22.5°	659.9
25°	487.4
27.5°	355.2
30°	257.7
32.5°	182.6
35°	130.0
37.5°	93.0
40°	67.2
42.5°	48.2
45°	33.6
47.5°	24.6
50°	19.0
52.5°	15.7
55°	13.4
57.5°	11.2
60°	10.1
62.5°	9.0
65°	7.8
67.5°	6.7
70°	5.6
72.5°	5.6
75°	4.5
77.5°	3.4
80°	2.2
82.5°	2.2
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)