

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: P1259109

Luminaire Tested: P3AS05R129050DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259109
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R129050DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

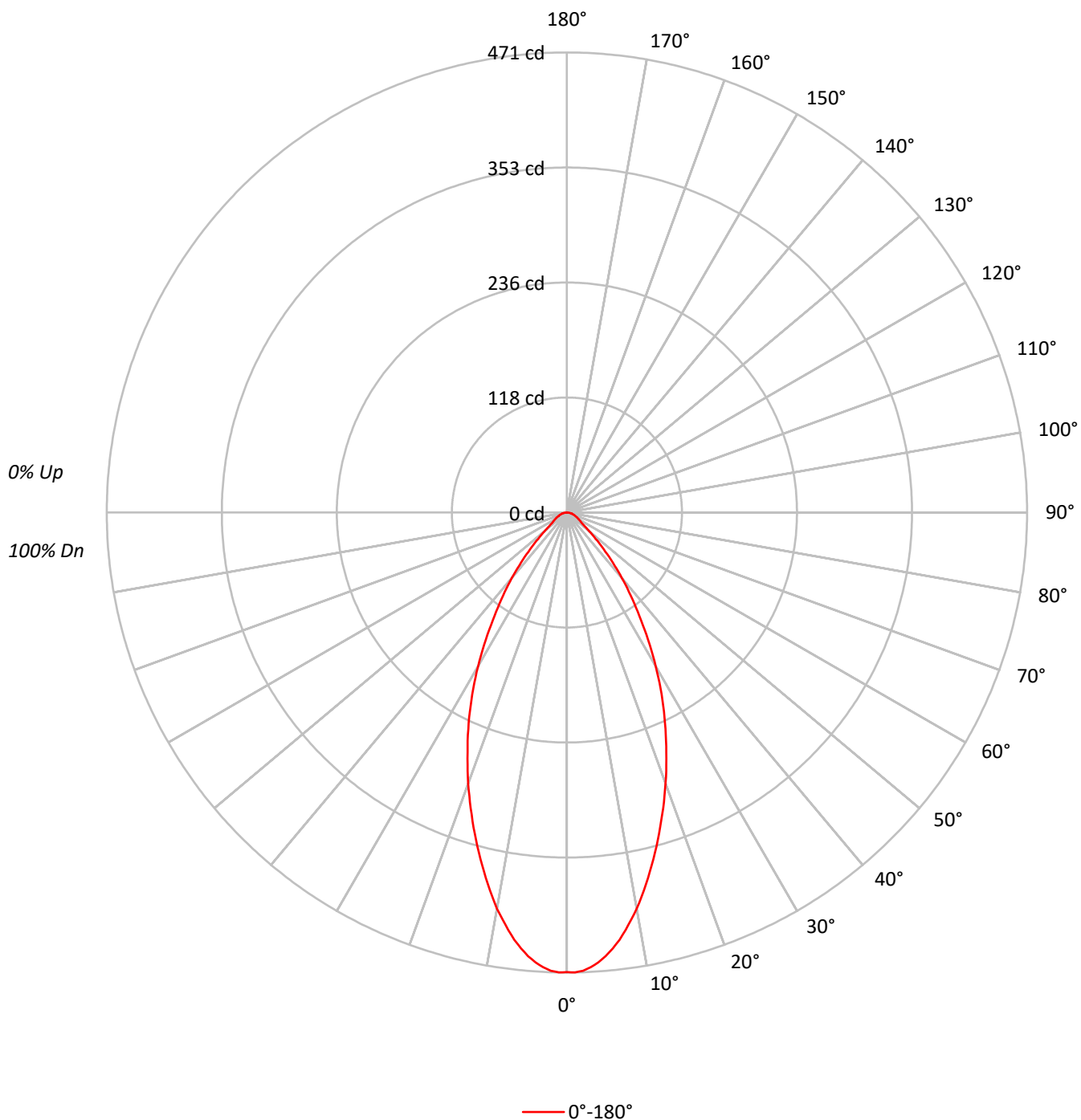
Lumens per Lamp: N/A
Luminaire Lumens: 409.0 lumens
Efficiency: N/A
Efficacy: 53.8 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	103172
5°	100374
10°	91715
15°	80341
20°	68909
25°	57536
30°	46058
35°	34532
40°	25076
45°	16405
50°	10268
55°	6920
60°	6140
65°	5656
70°	5321
75°	4829
80°	4546
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16405 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.1	10.3
10°-20°	98.6	24.1
20°-30°	108.6	26.6
30°-40°	81.4	19.9
40°-50°	42.2	10.3
50°-60°	17.5	4.3
60°-70°	10.8	2.6
70°-80°	6.1	1.5
80°-90°	1.8	0.4
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°	249.3	61.0
0°-40°	330.7	80.8
0°-60°	390.4	95.4
0°-90°	409.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	409.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	470	
5°	456	42
15°	354	99
25°	238	109
35°	129	81
45°	53	42
55°	18	17
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	470.5
1°	471.0
2°	469.4
3°	466.3
4°	461.7
5°	456.0
6°	448.7
7°	440.9
8°	431.6
9°	421.8
10°	411.9
12.5°	383.4
15°	353.9
17.5°	324.4
20°	295.3
22.5°	265.8
25°	237.8
27.5°	209.8
30°	181.9
32.5°	154.4
35°	129.0
37.5°	107.3
40°	87.6
42.5°	69.4
45°	52.9
47.5°	39.9
50°	30.1
52.5°	22.3
55°	18.1
57.5°	16.1
60°	14.0
62.5°	12.4
65°	10.9
67.5°	9.3
70°	8.3
72.5°	6.7
75°	5.7
77.5°	4.7
80°	3.6
82.5°	2.6
85°	1.6
87.5°	0.5
90°	0.0

(END OF REPORT)