

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: P1251186

Luminaire Tested: P3AS05R309030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251186
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

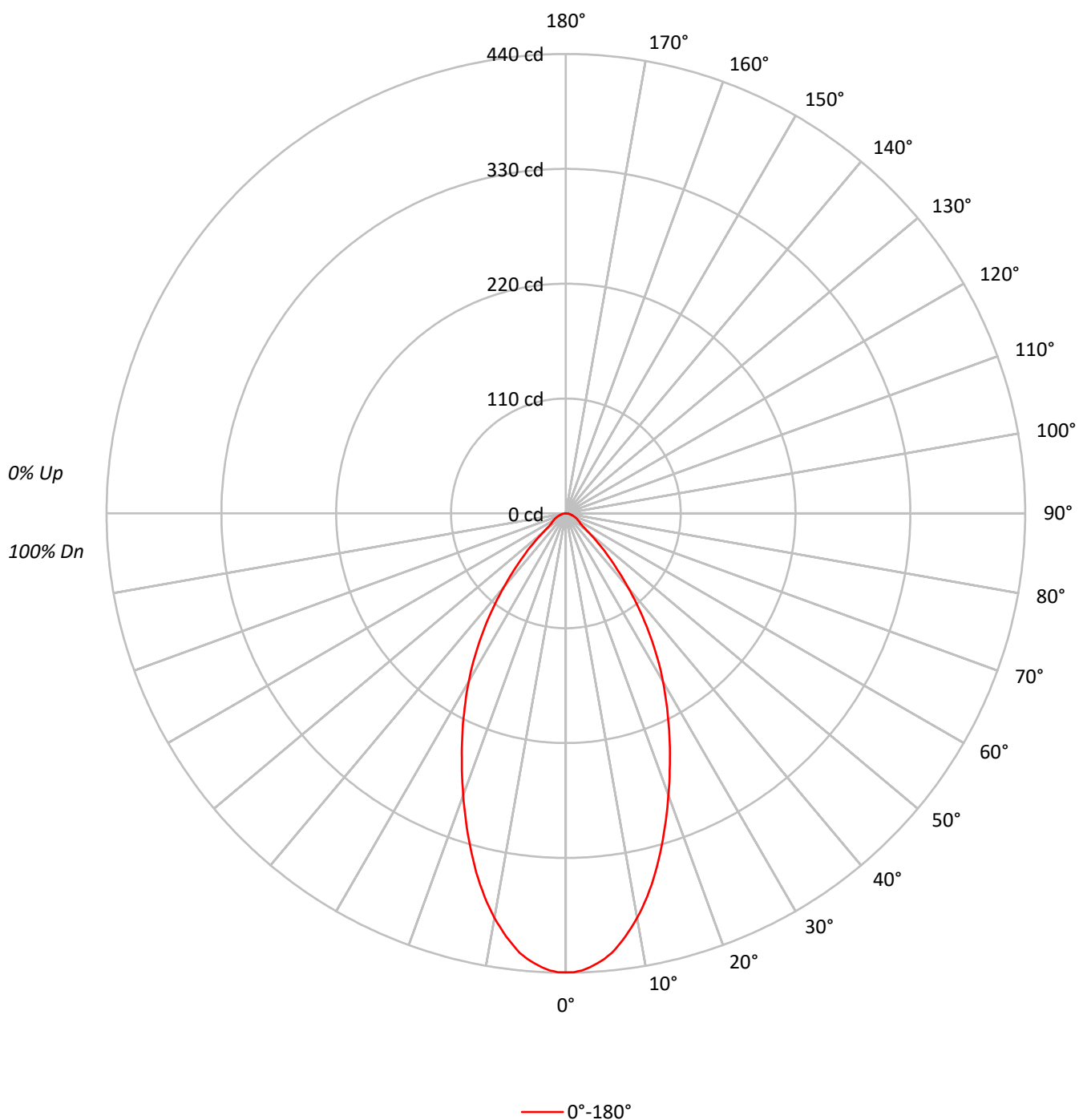
Lumens per Lamp: N/A
Luminaire Lumens: 408.0 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	96396
5°	94233
10°	87618
15°	77980
20°	67066
25°	56810
30°	47146
35°	36995
40°	26507
45°	17397
50°	9893
55°	6499
60°	6140
65°	5707
70°	5129
75°	4660
80°	4420
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17397 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.7	9.7
10°-20°	95.5	23.4
20°-30°	107.6	26.4
30°-40°	85.9	21.1
40°-50°	44.2	10.8
50°-60°	16.6	4.1
60°-70°	10.9	2.7
70°-80°	5.9	1.4
80°-90°	1.7	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°	242.8	59.5
0°-40°	328.8	80.6
0°-60°	389.5	95.5
0°-90°	408.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	408.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	440	
5°	428	40
15°	344	95
25°	235	108
35°	138	86
45°	56	44
55°	17	17
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	439.6
1°	439.6
2°	438.1
3°	435.6
4°	432.1
5°	428.1
6°	423.1
7°	416.5
8°	409.5
9°	401.5
10°	393.5
11°	384.5
12°	375.0
13°	365.0
14°	354.5
15°	343.5
17.5°	315.4
20°	287.4
22.5°	260.3
25°	234.8
27.5°	209.8
30°	186.2
32.5°	162.2
35°	138.2
37.5°	114.7
40°	92.6
42.5°	73.1
45°	56.1
47.5°	41.6
50°	29.0
52.5°	20.5
55°	17.0
57.5°	15.5
60°	14.0
62.5°	12.5
65°	11.0
67.5°	9.5
70°	8.0
72.5°	6.5
75°	5.5
77.5°	4.5
80°	3.5
82.5°	2.5
85°	1.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)