

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: P1266659

Luminaire Tested: P3A05R309735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266659
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: P3A05R309735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

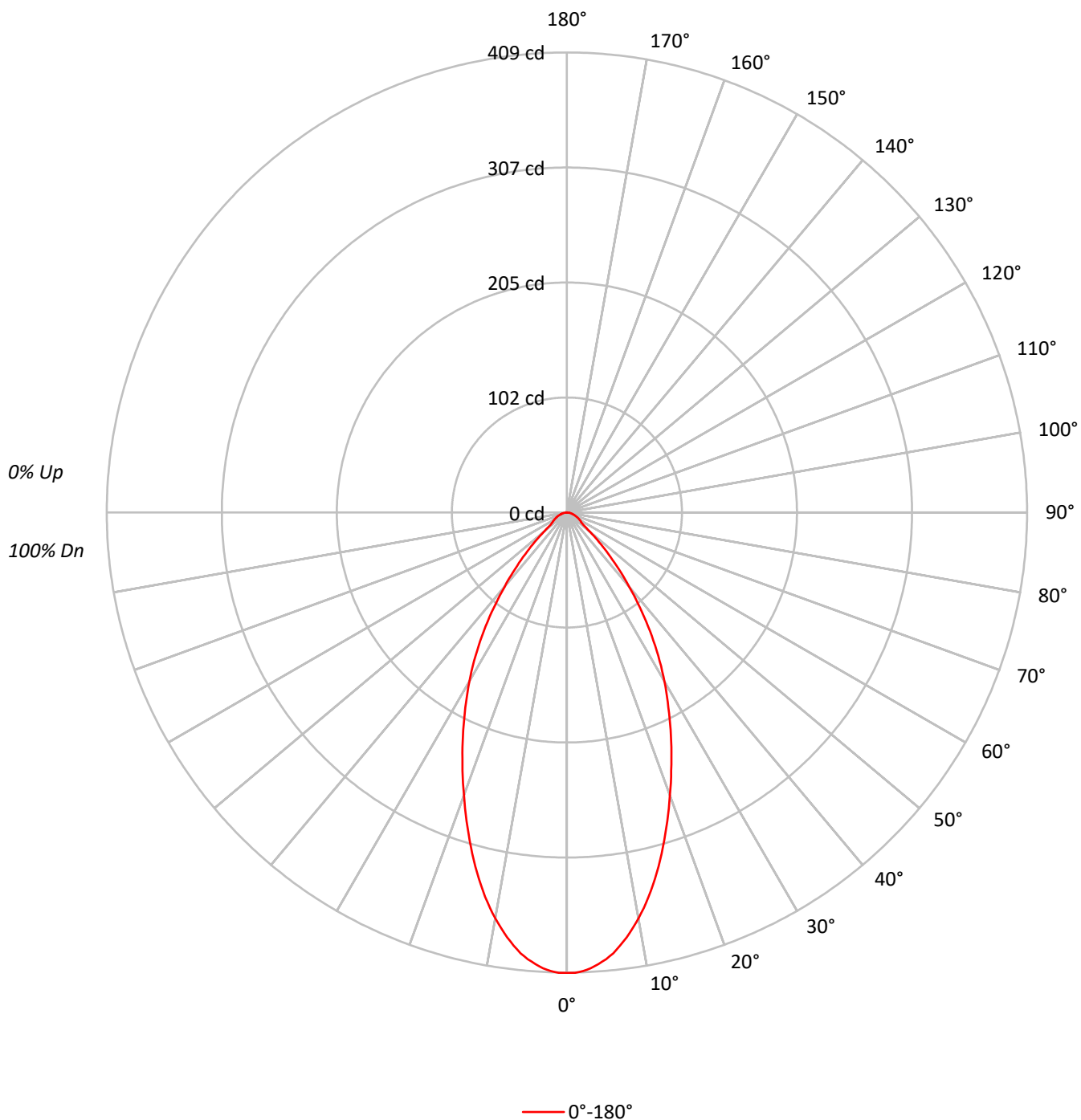
Lumens per Lamp: N/A
Luminaire Lumens: 380.1 lumens
Efficiency: N/A
Efficacy: 52.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		83
4	94	85	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°	89774
5°	87761
10°	81606
15°	72622
20°	62469
25°	52914
30°	43931
35°	34452
40°	24703
45°	16188
50°	9211
55°	6079
60°	5745
65°	5344
70°	4809
75°	4321
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16188 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.0	9.7
10°-20°	88.9	23.4
20°-30°	100.2	26.4
30°-40°	80.0	21.1
40°-50°	41.1	10.8
50°-60°	15.5	4.1
60°-70°	10.2	2.7
70°-80°	5.5	1.4
80°-90°	1.6	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°	226.2	59.5
0°-40°	306.2	80.6
0°-60°	362.8	95.5
0°-90°	380.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	380.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	409	
5°	399	37
15°	320	89
25°	219	100
35°	129	80
45°	52	41
55°	16	15
65°	10	10
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	409.4
1°	409.4
2°	408.0
3°	405.7
4°	402.4
5°	398.7
6°	394.0
7°	388.0
8°	381.4
9°	374.0
10°	366.5
11°	358.1
12°	349.3
13°	339.9
14°	330.1
15°	319.9
17.5°	293.8
20°	267.7
22.5°	242.5
25°	218.7
27.5°	195.4
30°	173.5
32.5°	151.1
35°	128.7
37.5°	106.8
40°	86.3
42.5°	68.1
45°	52.2
47.5°	38.7
50°	27.0
52.5°	19.1
55°	15.9
57.5°	14.5
60°	13.1
62.5°	11.7
65°	10.3
67.5°	8.9
70°	7.5
72.5°	6.1
75°	5.1
77.5°	4.2
80°	3.3
82.5°	2.3
85°	1.4
87.5°	0.5



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)