

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: P1266540

Luminaire Tested: P3A05R129735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266540
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: P3A05R129735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

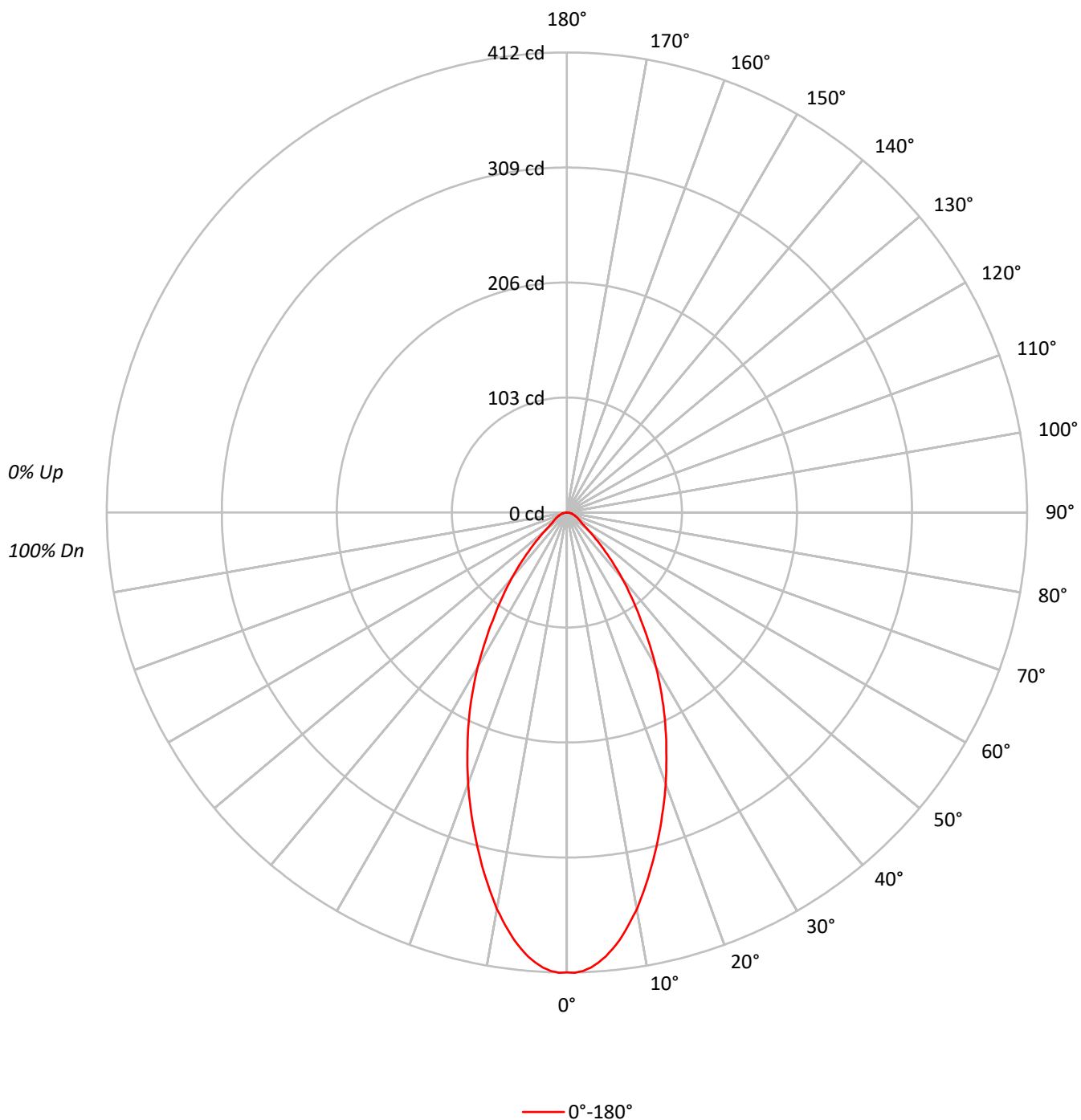
Lumens per Lamp: N/A
Luminaire Lumens: 358.1 lumens
Efficiency: N/A
Efficacy: 47.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	47	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90300
5°	87849
10°	80292
15°	70330
20°	60322
25°	50374
30°	40310
35°	30222
40°	21927
45°	14358
50°	8972
55°	6079
60°	5350
65°	4929
70°	4680
75°	4236
80°	4041
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14358 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.8	10.3
10°-20°	86.3	24.1
20°-30°	95.1	26.6
30°-40°	71.2	19.9
40°-50°	36.9	10.3
50°-60°	15.3	4.3
60°-70°	9.5	2.6
70°-80°	5.3	1.5
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°	218.2	60.9
0°-40°	289.5	80.8
0°-60°	341.7	95.4
0°-90°	358.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	358.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	412	
5°	399	37
15°	310	86
25°	208	95
35°	113	71
45°	46	37
55°	16	15
65°	10	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	411.8
1°	412.3
2°	410.9
3°	408.2
4°	404.1
5°	399.1
6°	392.8
7°	386.0
8°	377.8
9°	369.2
10°	360.6
12.5°	335.6
15°	309.8
17.5°	283.9
20°	258.5
22.5°	232.7
25°	208.2
27.5°	183.7
30°	159.2
32.5°	135.2
35°	112.9
37.5°	93.9
40°	76.6
42.5°	60.8
45°	46.3
47.5°	34.9
50°	26.3
52.5°	19.5
55°	15.9
57.5°	14.1
60°	12.2
62.5°	10.9
65°	9.5
67.5°	8.2
70°	7.3
72.5°	5.9
75°	5.0
77.5°	4.1
80°	3.2
82.5°	2.3
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)