

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: P1268885

Luminaire Tested: P3A05R109740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268885
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: P3A05R109740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

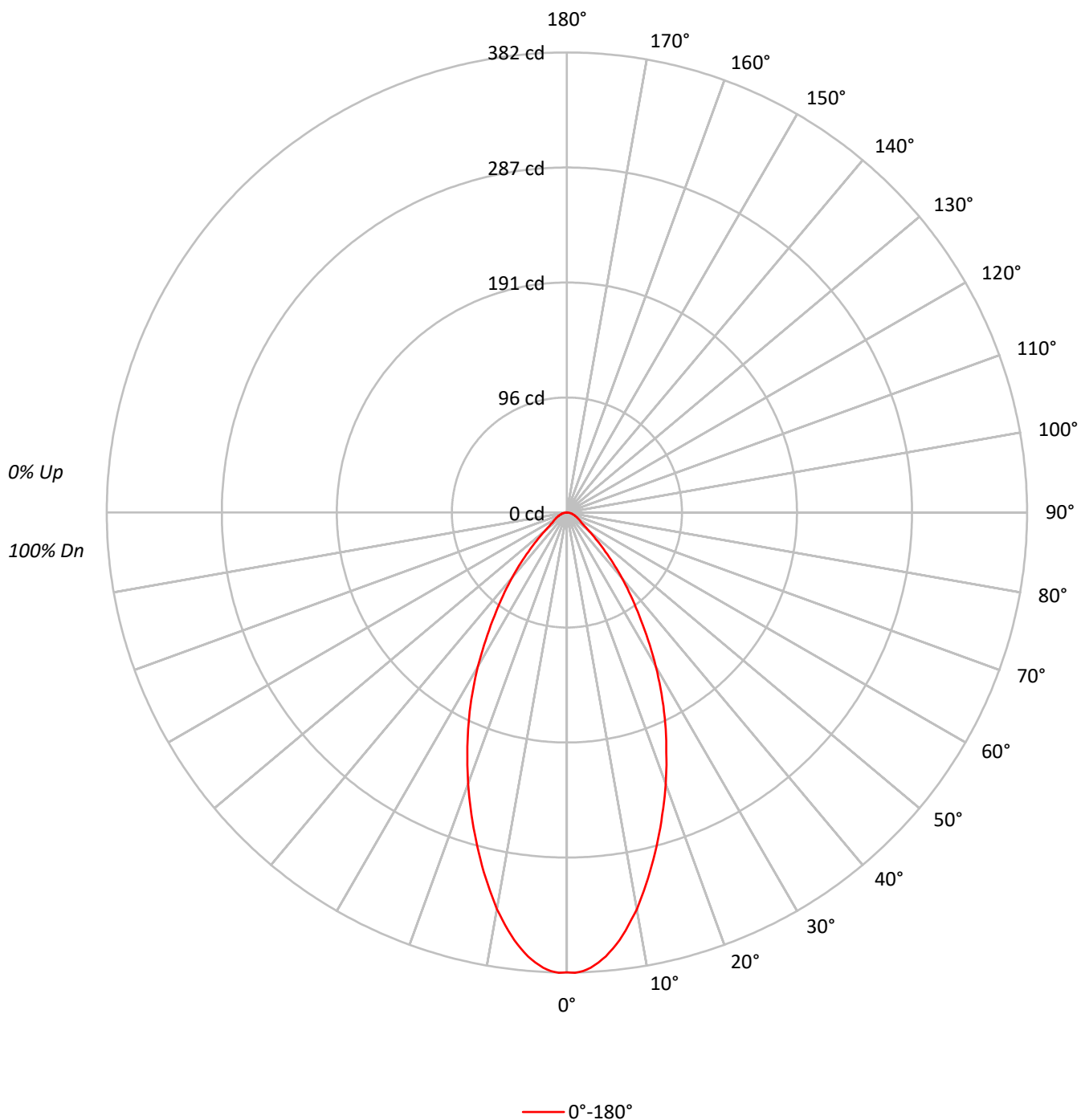
Lumens per Lamp: N/A
Luminaire Lumens: 332.0 lumens
Efficiency: N/A
Efficacy: 42.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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	113	109	107	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	71	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°	83743
5°	81466
10°	74459
15°	65222
20°	55935
25°	46720
30°	37373
35°	28027
40°	20352
45°	13304
50°	8324
55°	5620
60°	5000
65°	4566
70°	4296
75°	3897
80°	3662
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13304 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.2	10.3
10°-20°	80.0	24.1
20°-30°	88.2	26.6
30°-40°	66.0	19.9
40°-50°	34.2	10.3
50°-60°	14.2	4.3
60°-70°	8.8	2.6
70°-80°	4.9	1.5
80°-90°	1.4	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°	202.4	61.0
0°-40°	268.4	80.8
0°-60°	316.9	95.4
0°-90°	332.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	332.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	382	
5°	370	34
15°	287	80
25°	193	88
35°	105	66
45°	43	34
55°	15	14
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	381.9
1°	382.3
2°	381.1
3°	378.5
4°	374.7
5°	370.1
6°	364.2
7°	357.9
8°	350.4
9°	342.4
10°	334.4
12.5°	311.2
15°	287.3
17.5°	263.3
20°	239.7
22.5°	215.8
25°	193.1
27.5°	170.3
30°	147.6
32.5°	125.3
35°	104.7
37.5°	87.1
40°	71.1
42.5°	56.4
45°	42.9
47.5°	32.4
50°	24.4
52.5°	18.1
55°	14.7
57.5°	13.0
60°	11.4
62.5°	10.1
65°	8.8
67.5°	7.6
70°	6.7
72.5°	5.5
75°	4.6
77.5°	3.8
80°	2.9
82.5°	2.1
85°	1.3
87.5°	0.4
90°	0.0

(END OF REPORT)