

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: P1266501

Luminaire Tested: P3A05R109735DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266501
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R109735DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R10 optic, 3500K CCT AND, 97CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

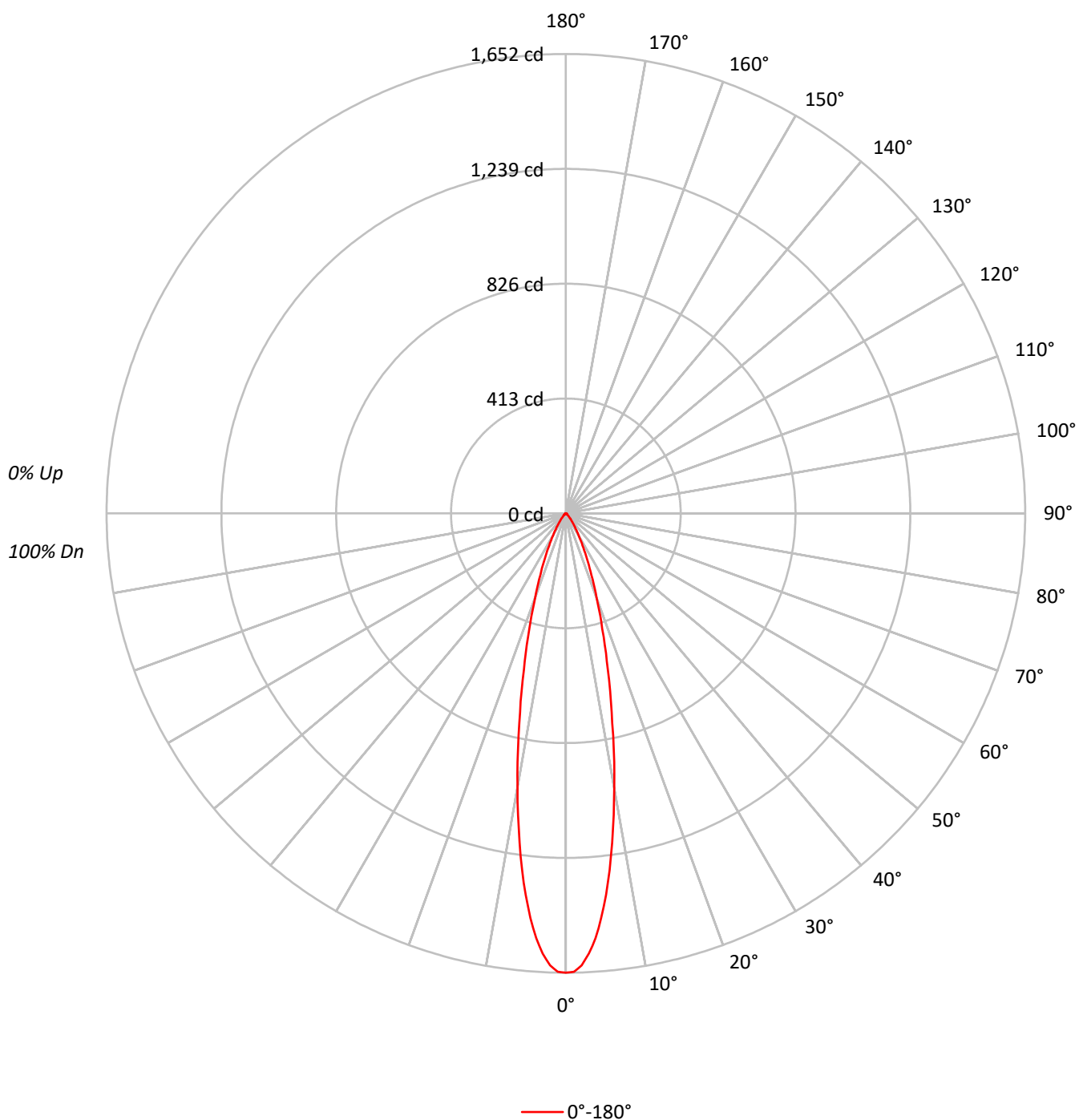
Lumens per Lamp: N/A
Luminaire Lumens: 424.0 lumens
Efficiency: N/A
Efficacy: 53.7 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	362208
5°	321505
10°	223287
15°	132033
20°	75210
25°	42994
30°	23776
35°	12689
40°	7013
45°	3814
50°	2354
55°	1873
60°	1623
65°	1505
70°	1282
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3814 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.2	29.3
10°-20°	163.9	38.7
20°-30°	84.4	19.9
30°-40°	31.7	7.5
40°-50°	10.4	2.4
50°-60°	4.5	1.1
60°-70°	2.9	0.7
70°-80°	1.6	0.4
80°-90°	0.4	0.1
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°	372.5	87.9
0°-40°	404.2	95.3
0°-60°	419.1	98.8
0°-90°	424.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	424.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1652	
5°	1461	124
15°	582	164
25°	178	84
35°	47	32
45°	12	10
55°	5	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1651.8
1°	1648.5
2°	1626.9
3°	1585.6
4°	1531.3
5°	1460.6
6°	1380.6
7°	1292.8
8°	1195.1
9°	1098.7
10°	1002.8
12.5°	771.6
15°	581.6
17.5°	435.4
20°	322.3
22.5°	240.6
25°	177.7
27.5°	129.5
30°	93.9
32.5°	66.6
35°	47.4
37.5°	33.9
40°	24.5
42.5°	17.6
45°	12.3
47.5°	9.0
50°	6.9
52.5°	5.7
55°	4.9
57.5°	4.1
60°	3.7
62.5°	3.3
65°	2.9
67.5°	2.5
70°	2.0
72.5°	2.0
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)