

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: P1266094

Luminaire Tested: P3A02R109735DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266094
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: P3A02R109735DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R10 optic, 3500K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

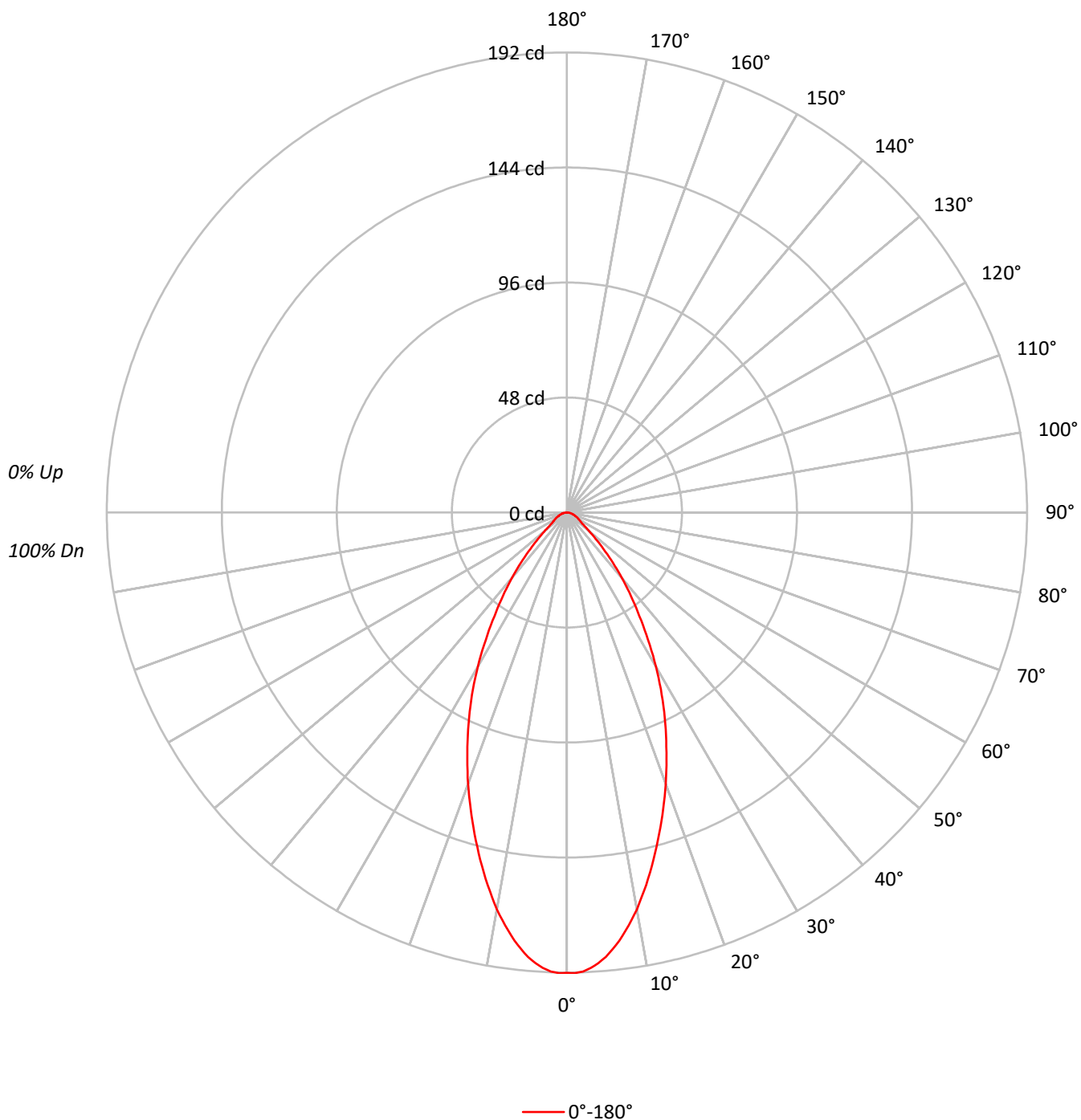
Lumens per Lamp: N/A
Luminaire Lumens: 167.0 lumens
Efficiency: N/A
Efficacy: 44.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.8
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	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	42124
5°	40986
10°	37452
15°	32804
20°	28142
25°	23493
30°	18813
35°	14107
40°	10248
45°	6698
50°	4196
55°	2829
60°	2500
65°	2283
70°	2180
75°	1949
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6698 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.2	10.3
10°-20°	40.3	24.1
20°-30°	44.4	26.6
30°-40°	33.2	19.9
40°-50°	17.2	10.3
50°-60°	7.1	4.3
60°-70°	4.4	2.6
70°-80°	2.5	1.5
80°-90°	0.7	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°	101.8	61.0
0°-40°	135.0	80.8
0°-60°	159.4	95.4
0°-90°	167.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	167.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	192	
5°	186	17
15°	144	40
25°	97	44
35°	53	33
45°	22	17
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	192.1
1°	192.3
2°	191.7
3°	190.4
4°	188.5
5°	186.2
6°	183.2
7°	180.0
8°	176.2
9°	172.2
10°	168.2
12.5°	156.6
15°	144.5
17.5°	132.4
20°	120.6
22.5°	108.5
25°	97.1
27.5°	85.7
30°	74.3
32.5°	63.0
35°	52.7
37.5°	43.8
40°	35.8
42.5°	28.3
45°	21.6
47.5°	16.3
50°	12.3
52.5°	9.1
55°	7.4
57.5°	6.6
60°	5.7
62.5°	5.1
65°	4.4
67.5°	3.8
70°	3.4
72.5°	2.8
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)