

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: P1268473

Luminaire Tested: P3A02R109740DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268473
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: P3A02R109740DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

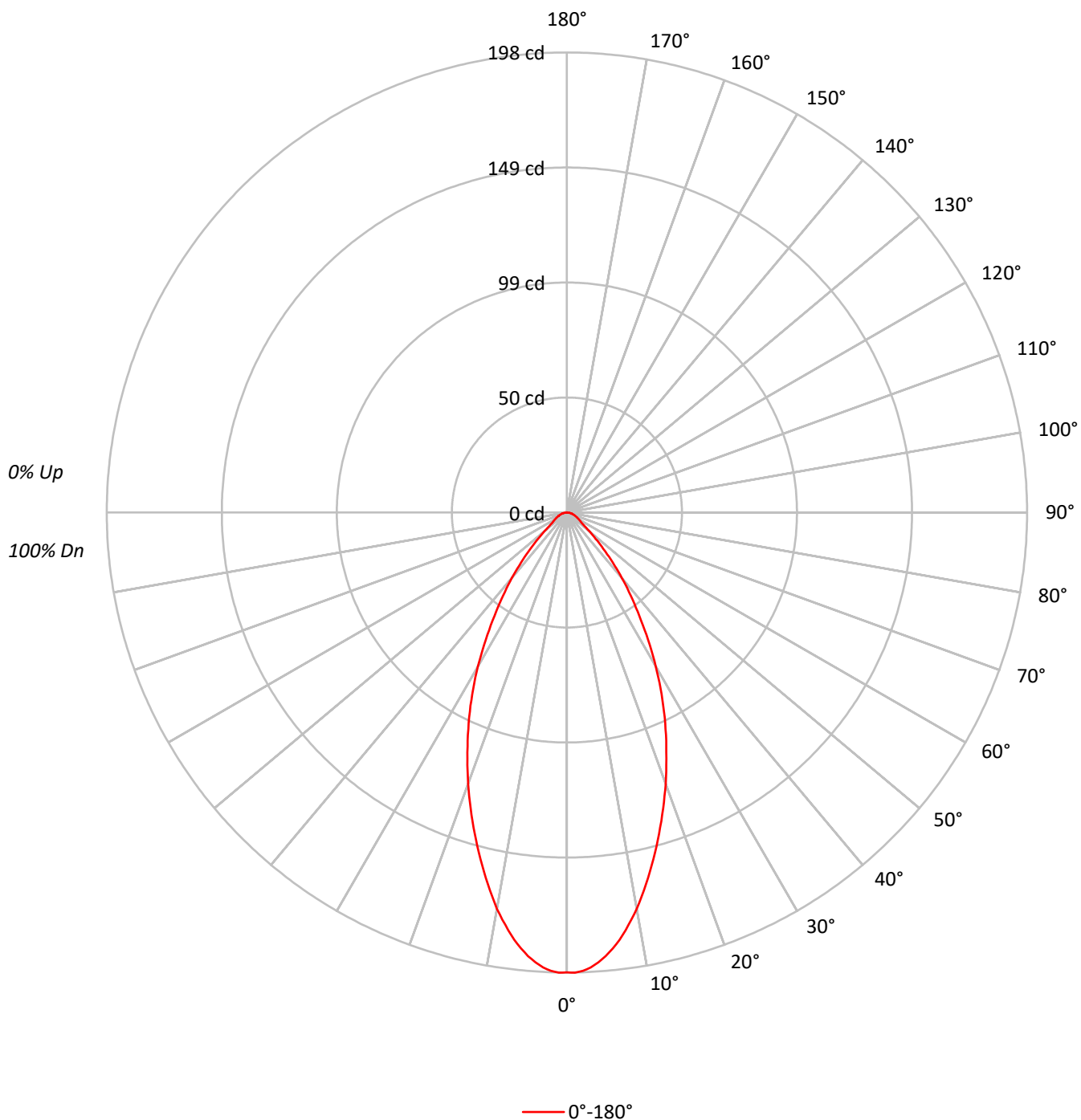
Lumens per Lamp: N/A
Luminaire Lumens: 172.0 lumens
Efficiency: N/A
Efficacy: 45.3 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1268473

CATALOG NUMBER: P3A02R109740DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1268473

CATALOG NUMBER: P3A02R109740DE010 E3DLD1H

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°	43396
5°	42197
10°	38565
15°	33780
20°	28983
25°	24195
30°	19370
35°	14536
40°	10534
45°	6884
50°	4298
55°	2906
60°	2588
65°	2387
70°	2244
75°	2033
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6884 cd/sqm

TEST NUMBER: P1268473

CATALOG NUMBER: P3A02R109740DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	10.3
10°-20°	41.5	24.1
20°-30°	45.7	26.6
30°-40°	34.2	19.9
40°-50°	17.7	10.3
50°-60°	7.4	4.3
60°-70°	4.6	2.6
70°-80°	2.6	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°	104.8	61.0
0°-40°	139.1	80.8
0°-60°	164.1	95.4
0°-90°	172.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	172.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	198	
5°	192	18
15°	149	41
25°	100	46
35°	54	34
45°	22	18
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1268473

CATALOG NUMBER: P3A02R109740DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	197.9
1°	198.1
2°	197.4
3°	196.1
4°	194.1
5°	191.7
6°	188.7
7°	185.4
8°	181.5
9°	177.4
10°	173.2
12.5°	161.2
15°	148.8
17.5°	136.4
20°	124.2
22.5°	111.8
25°	100.0
27.5°	88.2
30°	76.5
32.5°	64.9
35°	54.3
37.5°	45.1
40°	36.8
42.5°	29.2
45°	22.2
47.5°	16.8
50°	12.6
52.5°	9.4
55°	7.6
57.5°	6.8
60°	5.9
62.5°	5.2
65°	4.6
67.5°	3.9
70°	3.5
72.5°	2.8
75°	2.4
77.5°	2.0
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.2
90°	0.0

(END OF REPORT)