

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: P1256159

Luminaire Tested: P3AS02R259040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256159
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

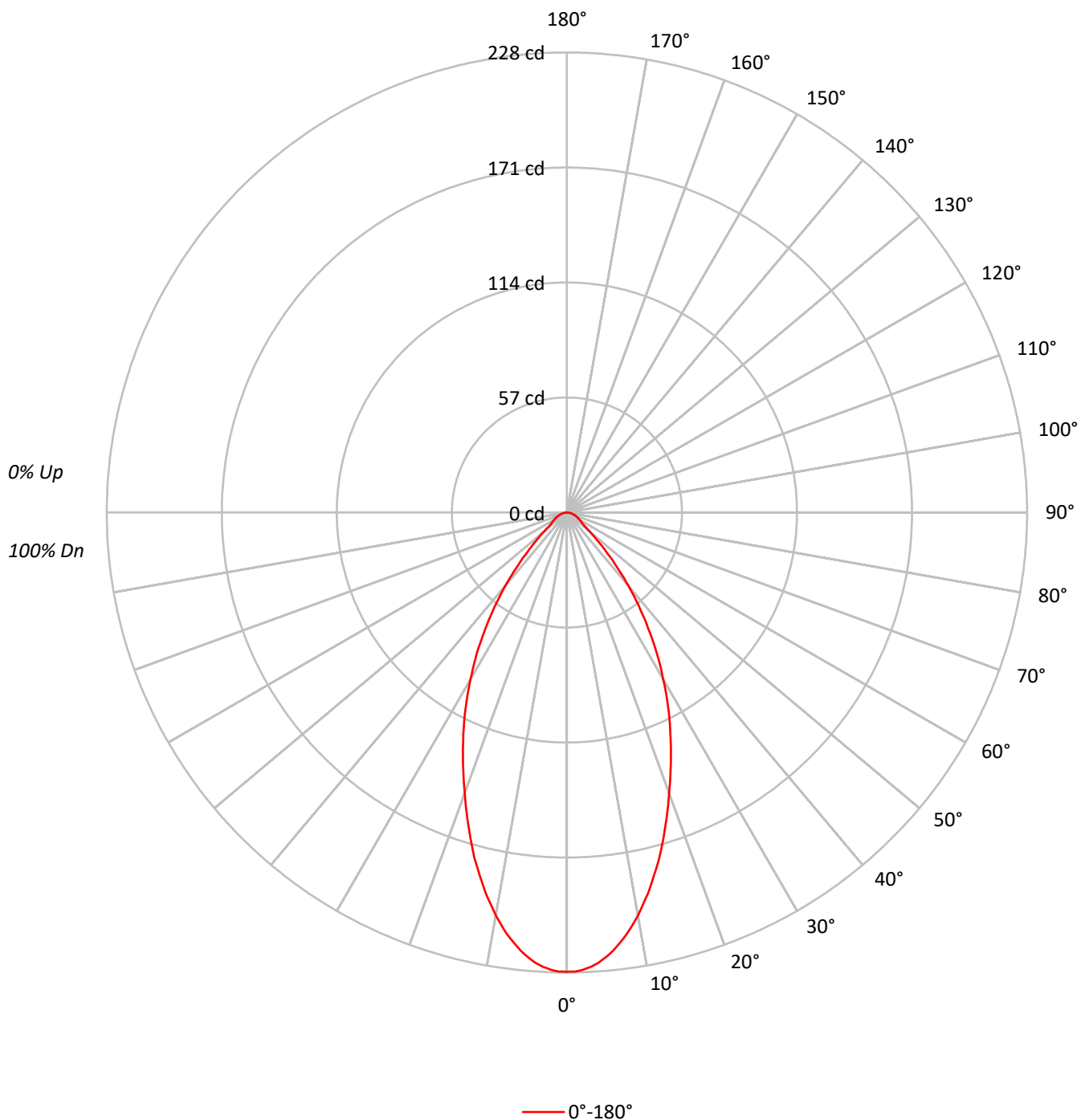
Lumens per Lamp: N/A
Luminaire Lumens: 210.1 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1256159

CATALOG NUMBER: P3AS02R259040DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1256159

CATALOG NUMBER: P3AS02R259040DE010 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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49908
5°	48712
10°	45156
15°	40205
20°	34560
25°	29373
30°	24181
35°	18846
40°	13568
45°	8590
50°	5083
55°	3517
60°	3201
65°	3009
70°	2693
75°	2457
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8590 cd/sqm

TEST NUMBER: P1256159

CATALOG NUMBER: P3AS02R259040DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.5	9.8
10°-20°	49.2	23.4
20°-30°	55.6	26.5
30°-40°	44.0	20.9
40°-50°	22.2	10.6
50°-60°	8.9	4.2
60°-70°	5.7	2.7
70°-80°	3.2	1.5
80°-90°	0.9	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°	125.3	59.6
0°-40°	169.2	80.6
0°-60°	200.3	95.4
0°-90°	210.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	210.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	228	
5°	221	21
15°	177	49
25°	121	56
35°	70	44
45°	28	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1256159

CATALOG NUMBER: P3AS02R259040DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	227.6
1°	227.6
2°	226.8
3°	225.5
4°	223.7
5°	221.3
6°	218.4
7°	215.0
8°	211.4
9°	207.2
10°	202.8
11°	197.8
12°	193.1
13°	187.6
14°	182.3
15°	177.1
17.5°	162.5
20°	148.1
22.5°	134.5
25°	121.4
27.5°	108.6
30°	95.5
32.5°	83.2
35°	70.4
37.5°	58.6
40°	47.4
42.5°	36.9
45°	27.7
47.5°	20.7
50°	14.9
52.5°	11.2
55°	9.2
57.5°	8.4
60°	7.3
62.5°	6.5
65°	5.8
67.5°	5.0
70°	4.2
72.5°	3.7
75°	2.9
77.5°	2.4
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3



TEST NUMBER: P1256159

CATALOG NUMBER: P3AS02R259040DE010 E3DLD1H

CANDELA DISTRIBUTION (continued):



(END OF REPORT)