

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: P1260322

Luminaire Tested: P3AS17R259050DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260322
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: P3AS17R259050DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

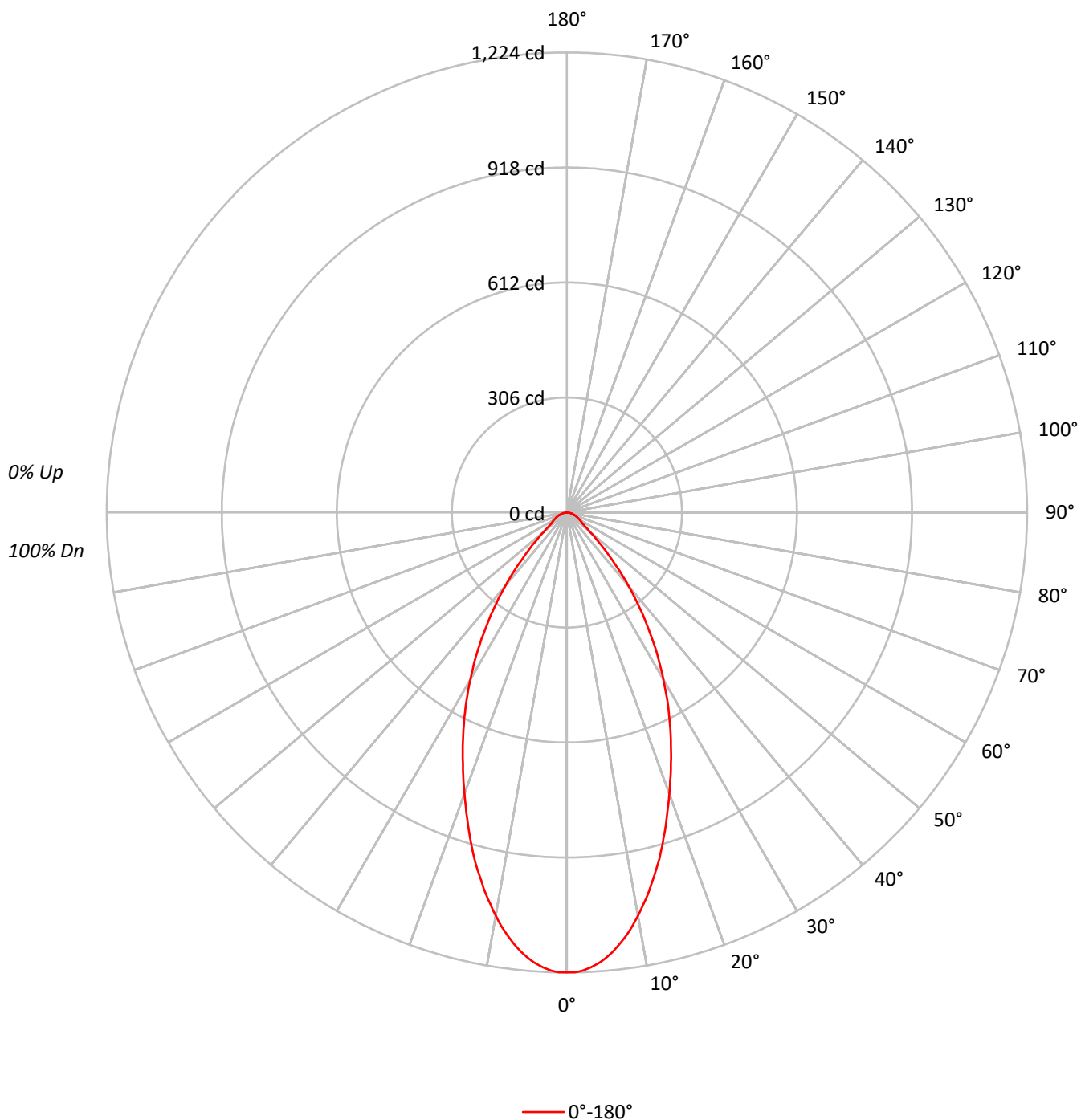
Lumens per Lamp: N/A
Luminaire Lumens: 1129.0 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1260322

CATALOG NUMBER: P3AS17R259050DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1260322

CATALOG NUMBER: P3AS17R259050DE010 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	105	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°	268334
5°	261919
10°	242703
15°	216165
20°	185773
25°	157896
30°	129995
35°	101268
40°	72879
45°	46237
50°	27359
55°	18809
60°	17279
65°	16033
70°	14426
75°	13132
80°	12375
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46237 cd/sqm

TEST NUMBER: P1260322

CATALOG NUMBER: P3AS17R259050DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.3	9.8
10°-20°	264.3	23.4
20°-30°	298.7	26.5
30°-40°	236.3	20.9
40°-50°	119.3	10.6
50°-60°	47.8	4.2
60°-70°	30.6	2.7
70°-80°	16.9	1.5
80°-90°	4.8	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°	673.4	59.6
0°-40°	909.6	80.6
0°-60°	1076.7	95.4
0°-90°	1129.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1129.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1224	
5°	1190	110
15°	952	264
25°	653	299
35°	378	236
45°	149	119
55°	49	48
65°	31	31
75°	16	17
85°	4	5
90°	0	

TEST NUMBER: P1260322

CATALOG NUMBER: P3AS17R259050DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1223.7
1°	1223.7
2°	1219.4
3°	1212.4
4°	1202.6
5°	1189.9
6°	1174.4
7°	1156.1
8°	1136.4
9°	1113.9
10°	1090.0
11°	1063.3
12°	1038.0
13°	1008.5
14°	980.3
15°	952.2
17.5°	873.4
20°	796.1
22.5°	722.9
25°	652.6
27.5°	583.7
30°	513.4
32.5°	447.3
35°	378.3
37.5°	315.1
40°	254.6
42.5°	198.3
45°	149.1
47.5°	111.1
50°	80.2
52.5°	60.5
55°	49.2
57.5°	45.0
60°	39.4
62.5°	35.2
65°	30.9
67.5°	26.7
70°	22.5
72.5°	19.7
75°	15.5
77.5°	12.7
80°	9.8
82.5°	7.0
85°	4.2
87.5°	1.4



TEST NUMBER: P1260322

CATALOG NUMBER: P3AS17R259050DE010 E3DLD1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)