

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: P1265411

Luminaire Tested: P3A17R309730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265411
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R309730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

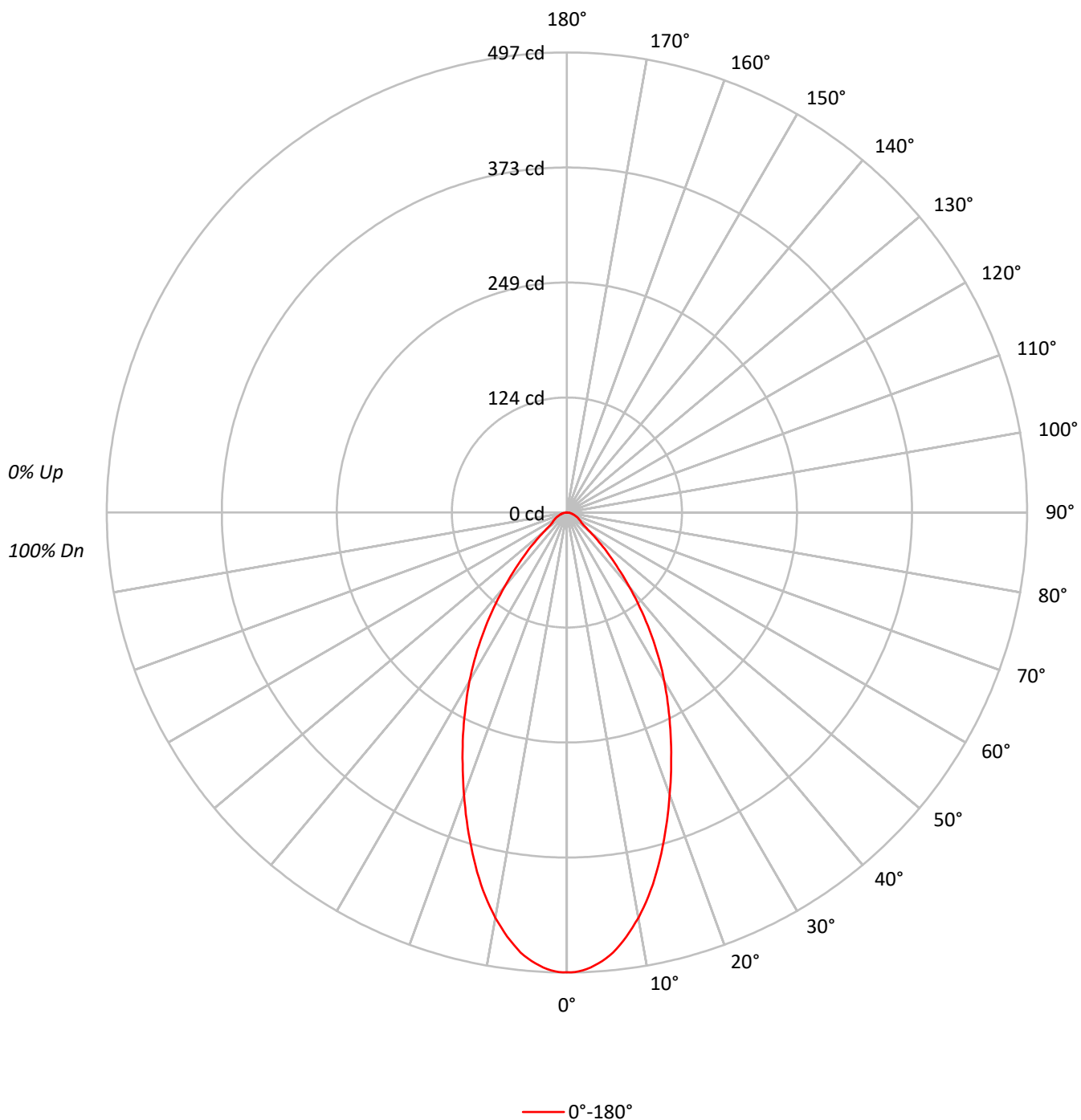
Lumens per Lamp: N/A
Luminaire Lumens: 461.0 lumens
Efficiency: N/A
Efficacy: 21.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265411

CATALOG NUMBER: P3A17R309730DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265411

CATALOG NUMBER: P3A17R309730DE010 E3DLD1GPH

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		84
4	94	85	79	74	92	84	79	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°	108917
5°	106471
10°	98996
15°	88105
20°	75770
25°	64189
30°	53274
35°	41787
40°	29970
45°	19661
50°	11189
55°	7340
60°	6929
65°	6434
70°	5834
75°	5253
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19661 cd/sqm

TEST NUMBER: P1265411

CATALOG NUMBER: P3A17R309730DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.9	9.7
10°-20°	107.9	23.4
20°-30°	121.6	26.4
30°-40°	97.1	21.1
40°-50°	49.9	10.8
50°-60°	18.8	4.1
60°-70°	12.3	2.7
70°-80°	6.7	1.4
80°-90°	1.9	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°	274.4	59.5
0°-40°	371.4	80.6
0°-60°	440.1	95.5
0°-90°	461.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	461.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	497	
5°	484	45
15°	388	108
25°	265	122
35°	156	97
45°	63	50
55°	19	19
65°	12	12
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1265411

CATALOG NUMBER: P3A17R309730DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	496.7
1°	496.7
2°	495.0
3°	492.2
4°	488.2
5°	483.7
6°	478.0
7°	470.7
8°	462.7
9°	453.7
10°	444.6
11°	434.5
12°	423.7
13°	412.4
14°	400.5
15°	388.1
17.5°	356.4
20°	324.7
22.5°	294.2
25°	265.3
27.5°	237.0
30°	210.4
32.5°	183.3
35°	156.1
37.5°	129.5
40°	104.7
42.5°	82.6
45°	63.4
47.5°	47.0
50°	32.8
52.5°	23.2
55°	19.2
57.5°	17.5
60°	15.8
62.5°	14.1
65°	12.4
67.5°	10.7
70°	9.1
72.5°	7.4
75°	6.2
77.5°	5.1
80°	4.0
82.5°	2.8
85°	1.7
87.5°	0.6



TEST NUMBER: P1265411

CATALOG NUMBER: P3A17R309730DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)