

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: P1265381

Luminaire Tested: P3A17R259730DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265381
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: P3A17R259730DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

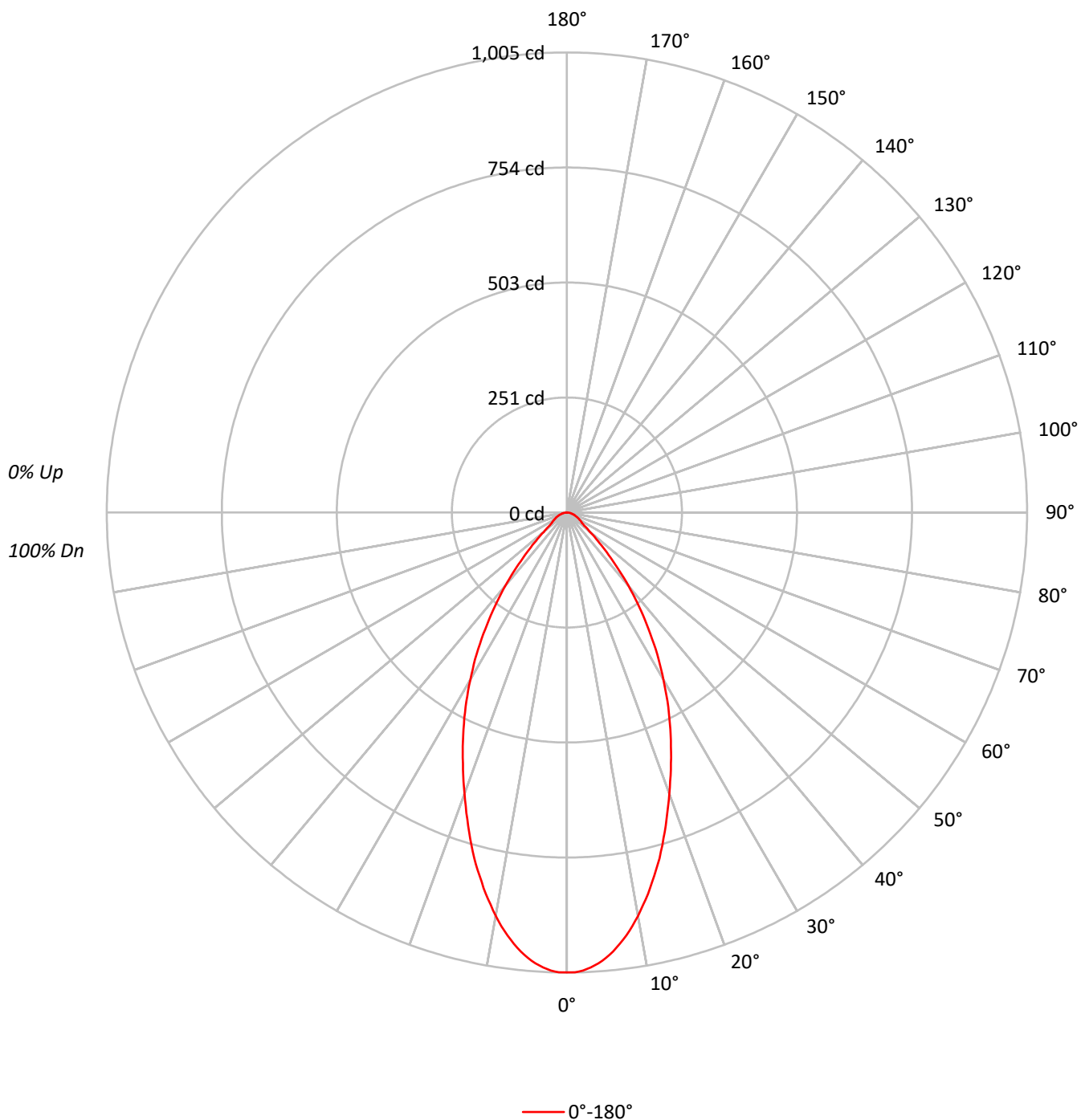
Lumens per Lamp: N/A
Luminaire Lumens: 927.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265381

CATALOG NUMBER: P3A17R259730DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1265381

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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	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°	220311
5°	215056
10°	199284
15°	177481
20°	152520
25°	129637
30°	106725
35°	83172
40°	59826
45°	37957
50°	22447
55°	15445
60°	14166
65°	13179
70°	11861
75°	10760
80°	10229
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37957 cd/sqm

TEST NUMBER: P1265381

CATALOG NUMBER: P3A17R259730DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.6	9.8
10°-20°	217.0	23.4
20°-30°	245.2	26.5
30°-40°	194.0	20.9
40°-50°	98.0	10.6
50°-60°	39.2	4.2
60°-70°	25.1	2.7
70°-80°	13.9	1.5
80°-90°	4.0	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°	552.9	59.6
0°-40°	746.9	80.6
0°-60°	884.1	95.4
0°-90°	927.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	927.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1005	
5°	977	91
15°	782	217
25°	536	245
35°	311	194
45°	122	98
55°	40	39
65°	25	25
75°	13	14
85°	4	4
90°	0	

TEST NUMBER: P1265381

CATALOG NUMBER: P3A17R259730DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1004.7
1°	1004.7
2°	1001.3
3°	995.5
4°	987.4
5°	977.0
6°	964.3
7°	949.3
8°	933.1
9°	914.6
10°	895.0
11°	873.1
12°	852.3
13°	828.0
14°	804.9
15°	781.8
17.5°	717.2
20°	653.6
22.5°	593.6
25°	535.8
27.5°	479.3
30°	421.5
32.5°	367.2
35°	310.7
37.5°	258.7
40°	209.0
42.5°	162.8
45°	122.4
47.5°	91.2
50°	65.8
52.5°	49.7
55°	40.4
57.5°	37.0
60°	32.3
62.5°	28.9
65°	25.4
67.5°	21.9
70°	18.5
72.5°	16.2
75°	12.7
77.5°	10.4
80°	8.1
82.5°	5.8
85°	3.5
87.5°	1.2



TEST NUMBER: P1265381
CATALOG NUMBER: P3A17R259730DE010 E3DLD1LI

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)