

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: P1265373

Luminaire Tested: P3A17R259730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265373
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

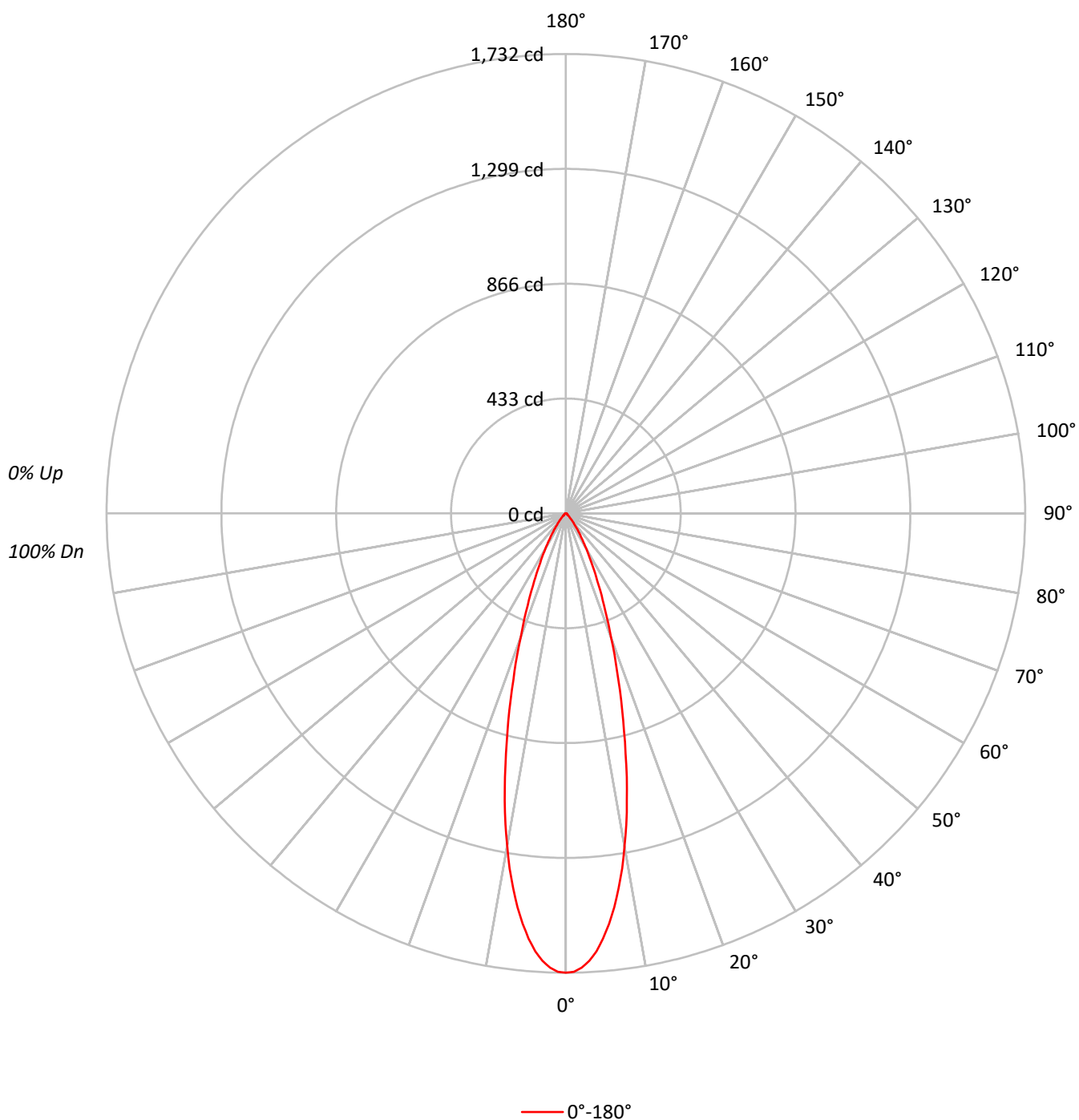
Lumens per Lamp: N/A
Luminaire Lumens: 592.0 lumens
Efficiency: N/A
Efficacy: 27.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265373

CATALOG NUMBER: P3A17R259730DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265373

CATALOG NUMBER: P3A17R259730DE010 E3DL1GPH

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	379750
5°	354302
10°	283807
15°	192646
20°	116583
25°	68157
30°	38816
35°	21362
40°	11336
45°	5954
50°	3480
55°	2600
60°	2237
65°	2335
70°	2180
75°	1949
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5954 cd/sqm

TEST NUMBER: P1265373

CATALOG NUMBER: P3A17R259730DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.8	24.1
10°-20°	233.3	39.4
20°-30°	133.3	22.5
30°-40°	52.6	8.9
40°-50°	16.1	2.7
50°-60°	6.4	1.1
60°-70°	4.3	0.7
70°-80°	2.4	0.4
80°-90°	0.8	0.1
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°	509.5	86.1
0°-40°	562.1	94.9
0°-60°	584.6	98.7
0°-90°	592.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	592.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1732	
5°	1610	143
15°	849	233
25°	282	133
35°	80	53
45°	19	16
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1265373

CATALOG NUMBER: P3A17R259730DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1731.8
1°	1728.4
2°	1714.2
3°	1689.3
4°	1654.8
5°	1609.6
6°	1556.4
7°	1496.4
8°	1426.8
9°	1355.6
10°	1274.6
11°	1194.9
12°	1107.2
13°	1020.6
14°	931.8
15°	848.6
17.5°	658.0
20°	499.6
22.5°	375.1
25°	281.7
27.5°	208.8
30°	153.3
32.5°	110.9
35°	79.8
37.5°	56.6
40°	39.6
42.5°	27.2
45°	19.2
47.5°	13.6
50°	10.2
52.5°	7.9
55°	6.8
57.5°	6.2
60°	5.1
62.5°	4.5
65°	4.5
67.5°	4.0
70°	3.4
72.5°	2.8
75°	2.3
77.5°	1.7
80°	1.1
82.5°	1.1
85°	0.6
87.5°	0.6



TEST NUMBER: P1265373

CATALOG NUMBER: P3A17R259730DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)