

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: P1265551

Luminaire Tested: P3A17R559730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265551
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R559730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

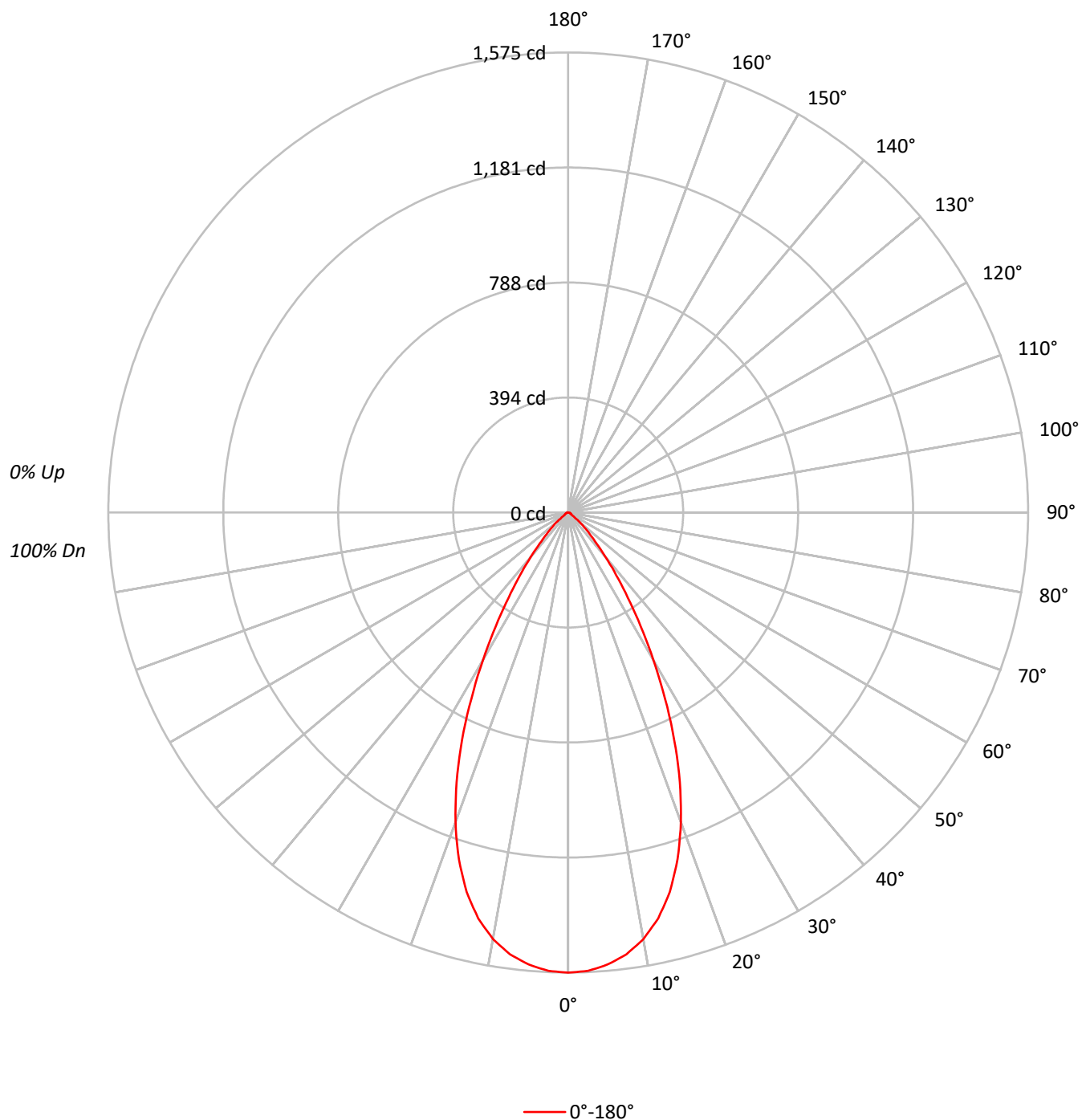
Lumens per Lamp: N/A
Luminaire Lumens: 1258.1 lumens
Efficiency: N/A
Efficacy: 59.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265551

CATALOG NUMBER: P3A17R559730DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1265551

CATALOG NUMBER: P3A17R559730DE010 E3DL1MW

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	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	345433
5°	341932
10°	330210
15°	305223
20°	263386
25°	208028
30°	147567
35°	95165
40°	57164
45°	32220
50°	17330
55°	6193
60°	5570
65°	5396
70°	5193
75°	4914
80°	4420
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32220 cd/sqm

TEST NUMBER: P1265551

CATALOG NUMBER: P3A17R559730DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.1	11.6
10°-20°	371.8	29.6
20°-30°	389.6	31.0
30°-40°	227.3	18.1
40°-50°	85.1	6.8
50°-60°	20.0	1.6
60°-70°	10.3	0.8
70°-80°	6.1	0.5
80°-90°	1.8	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°	907.5	72.1
0°-40°	1134.8	90.2
0°-60°	1239.9	98.6
0°-90°	1258.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1258.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1575	
5°	1553	146
15°	1344	372
25°	860	390
35°	356	227
45°	104	85
55°	16	20
65°	10	10
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1265551

CATALOG NUMBER: P3A17R559730DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1575.3
2.5°	1570.7
5°	1553.4
7.5°	1525.7
10°	1483.0
12.5°	1423.0
15°	1344.5
17.5°	1245.3
20°	1128.7
22.5°	998.3
25°	859.8
27.5°	717.8
30°	582.8
32.5°	460.5
35°	355.5
37.5°	270.1
40°	199.7
42.5°	143.1
45°	103.9
47.5°	75.0
50°	50.8
52.5°	28.9
55°	16.2
57.5°	13.8
60°	12.7
62.5°	11.5
65°	10.4
67.5°	9.2
70°	8.1
72.5°	6.9
75°	5.8
77.5°	4.6
80°	3.5
82.5°	2.3
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)