Atlantic INDUSTRIAL®
A QSSI Company Since 1985

AISLR7Q & AISLS7Q

7″ LED Surface Mount Retrofit

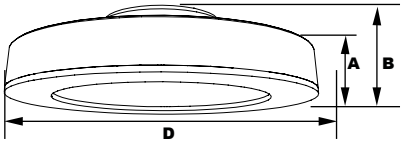
AISLR7

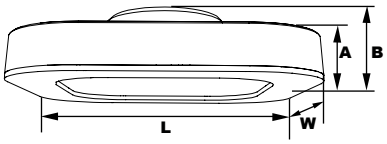
L70 25°C — 147,000 Hours

AISLS7

Reverse Side of AISLS7

Height	
Height 1 (A)	1″ (25mm)
Height 2 (B)	1⅞″ (48mm)
AISLR7Q Dimensions	
Diameter (D)	7″ (178mm)
AISLS7Q Dimensions	
Length (L)	7″ (178mm)
Width (W)	7″ (178mm)





The Atlantic AISLR7 and AISLS7 LED Surface Mount Retrofit luminaire is available for surface mounting over standard 3″ or 4″ recessed outlet boxes to replace surface mount globe and drum light fixtures, and is designed to replace up to 100w incandescent. The vandal-resistant SoftLED diffusion lens provides smooth light with no glare. Typical lighting applications include retail centers, multi-unit housing, hotels, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 12 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:
Die Cast Aluminum Housing with Integral Heat Sink for Cooler Operating Temperatures. Thermoplastic Driver Housing. Includes Push-In Wire Connector.

Listing & Ratings:
CSA: Listed for Damp Locations, ANSI/UL 1598, 8750
Wall or Ceiling Mount, IP54

Finish:
White Powdercoat Finish Over a Chromate Conversion Coating.

Lens:
Flat UV-Stabilized Polycarbonate LumaLens Opal Lens.

Mounting Options:
Mount Over a 3″ or 4″ Recessed Outlet Box.

LED:
Aluminum Boards

Wattage:
Array: 11w; System: 11.6w

Driver:
Electronic Drivers: 120-277V, 50/60Hz Non-Dimmable, or 120V, 50/60Hz Line-Dimmable

Warranty:
5-Year Warranty for -40°C to +40°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

Order Information Example: AISLR7QF1X11U4KW

	F	1X11		4K	W
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Color**
AISLR7Q= 7″ Round Surface Mount **AISLS7Q**= 7″ Square Surface Mount	**F**=110°x110°	**1X11**=11w	**U**=120-277V **120**=120V	**4K**=4000K	**W**=White

Project Information:

Project Name: | Fixture Type:

Complete Catalog #: | Date:

Comments:

Certification & Listings:

IP54

ATLANTIC Solutions By Atlantic Industrial

Specifications subject to change without notice. Rev. 021320

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For more information visit our website at www.atlanticind.net

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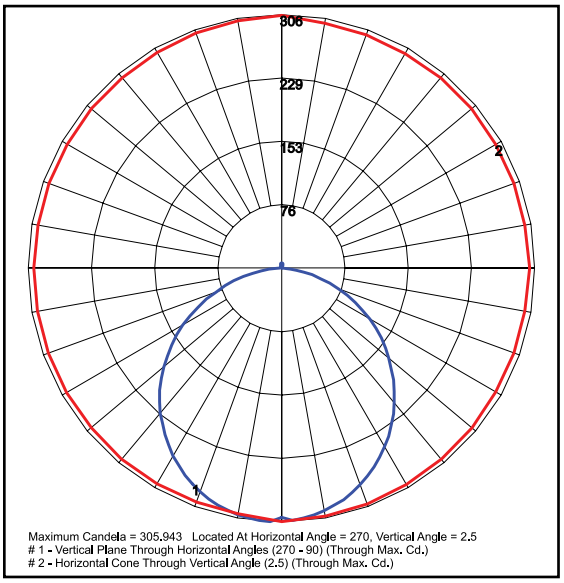
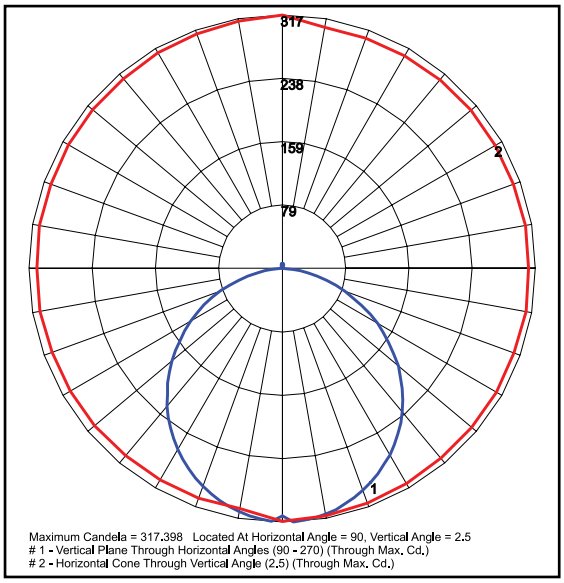
7″ LED Surface Mount Retrofit

L70 25°C **147,000 Hours**

Photometric Data



AISLR7QF1X11U4K
110°x110° Beam



AISLS7QF1X11U4K
110°x110° Beam

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Beam	Spacing Criteria	4000 CCT 80 CRI Lumens	LPW
AISLR7 LED 11w	108	12	110°x110°	1.24	847	73
AISLS7 LED 11w				1.28	872	75

Projected Lumen Maintenance

Data shown for 4000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	12	1.00	0.95	0.90	0.80	147,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	12	1.00	0.89	0.78	0.55	67,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	12	1.00	0.92	0.85	0.70	66,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 108mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

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