

AVANTE RETROFIT KIT (ARK) (PATENTS PENDING)

Linmore LED Labs Avante® Retrofit Kit (ARK) is a Ready-To-Connect retrofit kit for Lithonia Avante® Troffers. The light engine is Linmore's patent-pending URS Light Bar System combined with an external, dimmable driver. A white replacement center channel cover is pre-formed and ready to quickly fasten to an Avante® fixture. The ARK comes completely assembled with a quick-disconnect for incoming power allowing an ARK to be installed in 5 minutes. After retrofit, the Avante® seamlessly uses at least 50% less energy while looking exactly as original. When the objective is to convert an Avante® to LED, the Ready-To-Connect Linmore ARK is the clear choice.



Retrofitted of Avante® Fixture



HIGHLIGHTS

- Efficacy up to 131 Lumens/Watt
- 0-10 Volt Dimming, External Driver
- Aluminum Heat Sink/Extrusion
- Integral Volumetric Lens
- 180 Degree Light Distribution
- 10 Year Warranty Complete System
- Rapid Installation- Kits includes Channel Cover, light bar and driver all pre-mounted with quick disconnect.
- Fits Avante® Style Fixture

APPLICATIONS

- 2x2 - 2x4 Avante® Troffers
- Designed to Retrofit the Lithonia Avante® Fixture Model Numbers- 2 AV G2 17 MDR 2X2 and 2 AV G2 32 MDR 2X2



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EFFICACY

- Only top tier performance diodes for ultra-high Lumens/Watt
- Lowest Watts per Foot Candle Available

THERMAL DISSIPATION

- The heat sink extrusion is made of 6063 T5 Aluminum with substantial fins & surface area for superior heat dissipation
- Patent pending Air Flow Cavity under LED PCB allows dissipated heat to leave the URS area
- Interior PCB Board is made of aluminum core and mechanically bonded to the aluminum extrusion heat sink

OPTICS

- Integral Volumetric lens transmits 91% of generated lumens
- The beam angle is 180 degrees for a wide distribution of light
- Glass Free

SPECIFICATIONS

Suitability	Designed for Avante® Style Fixture 2x2 or 2x4
Warranty	10 Years Complete System
Expected Life	> 102,000 L90
Driver	External, 0-10 Volt Dimmable
System Input Wattage (driver dependent)	18-44 Watts
Efficacy (3500K)	131 Lumens/Watt (+/- 10%)
Voltage	100-277 Volts AC
Beam Angle	180
Integral Volumetric Lens	Frosted, 91% Transmission Rate
Color Rendering Index (CRI)	>81
Color Temperature	3500K, 4100K, or 5000K
Extrusion Material	6063 T5 Aluminum
Operating Temperature	-40F - 125F
Power Factor	0.99
Total Harmonic Distortion (THD)	< 9% (277 Volt)
Certifications	UL1598, Lighting Facts FCC CFR 47 Part 15, ROHS
Design Lights Consortium	Yes

AVAILABLE MODELS

2x2 Fixture	2x4 Fixture
LL-ARK-22-35K-18W	LL-ARK-24-35K-26W
LL-ARK-22-41K-18W	LL-ARK-24-41K-26W
LL-ARK-22-50K-18W	LL-ARK-24-50K-26W
LL-ARK-22-35K-22W	LL-ARK-24-35K-30W
LL-ARK-22-41K-22W	LL-ARK-24-41K-30W
LL-ARK-22-50K-22W	LL-ARK-24-50K-30W
	LL-ARK-24-35K-36W
	LL-ARK-24-41K-36W
	LL-ARK-24-50K-36W
	LL-ARK-24-35K-44W
	LL-ARK-24-41K-44W
	LL-ARK-24-50K-44W

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