



# 5ft 150cm LED TUBE

the world's most efficient LED tube

## Overview

There are plenty of ballast compatible LED tubes on the market, but none can surpass the efficiency of our new MIRAI LED T8 tubes. With efficiencies of upwards to 145lm/w and up to 95 Ra CRI, backed by LM-79 testing data, these are the highest performance LED tubes bar none. Now you can save energy without compromising brightness and with our five year warranty, you can put your mind at ease. These lamps were designed and tested with over 300 different ballasts for the widest compatibility on the market. Adjusts for output with the existing ballast factors and features custom circuitry to work with both instant-start and programmed-start ballasts. Conforms to CE, PSE certified in Japan, KC listed in Korea, ETL listed in US and Canada.

## Features

- Superior efficacy: 120 ~ 145lm/w
- Optional swivel caps for precise alignment
- Offered with 75 Ra, 85 Ra and 95 Ra options
- Available with internal or external driver
- Efficient heat dissipation
- 0.99 PFC @ 120v, <15% THD
- 5 year warranty

## Advantages

- 50,000 hour life expectancy
- Instant power on
- No flickering or buzzing noise
- Environmentally friendly
- Adjustable beam direction
- Perfectly even light distribution
- Easy installation with quick retrofit kit

## Specifications

Model	Rated Power	Luminous Flux
ABL-UNV-AXXMFx	12w	1400~1700lm
ABL-UNV-AXXMHx	16w	1900~2200lm
ABL-UNV-AXXMJx	20w	2400~3000lm
ABL-UNV-AXXMLx	24w	2800~3300lm

\*-SW suffix denotes swivel cap model, i.e., ABL-UNV-AXXMFx-SW

- Available Color Temperatures:** 2700K, 3000K, 3500K, 4000K, 4500K, 5000K, 5700K, 6500K
- Available Color Rendering Index:** 75 Ra, 85 Ra, 95 Ra
- Operating Temperature Range:** -4°F ~ 122°F | -20°C ~ 50°C
- Available Beam Angles:** 120°, 300°
- Input Voltage Range:** 90vAC ~ 305vAC
- Input Frequency Range:** 45Hz ~ 65Hz
- Power Factor Range:** .90PF ~ .99PF
- Total Harmonic Distortion:** <15% THD

