



Custom Assembly

- 30 years + industry experiences
- ISO-9001, ISO-14001, TS 16949 certified
- State of the art technology
- Highly qualified staffs and R&D professionals

GoldenEye™

- Patented SimpleDrive™ technology with direct AC input
- High lumen efficiency with PF>0.9
- Advance Chip-on-Board design
- Fewer parts translate to lower cost

SimpleTube™

- Patented SimpleDrive™ technology with direct AC input
- UL & DLC listed
- Uniform light distribution & easy installation
- 6 year warranty

One Company For All Your LED Needs

Light Fair 2013
Booth #1661

American Bright is one of the leading suppliers providing a comprehensive line of LED-based products worldwide. With a constant focus on quality and the continuing level of excellence in customer service, we are able to offer reliable products at competitive market for the Optoelectronics and Solid State Lighting markets.

SimpleTube™ Introduction

SimpleTube™ represents the state-of-the-art lighting solution for refrigerated and freezer display case. This innovated and environmentally friendly product not only outperforms traditional florescent lighting solutions but also lowers utility bills and eliminated maintenance concerns.

SimpleTube™ is available in a wide range of color temperatures and lengths to meet the needs of all existing and future display cases and it has no external bulky driver or ballast to contend with.



Testimonials



“Installation was a breeze! Minimal effort for Maximum Gain”

- Mike Rohrer, Facility Manager, Paul's Market

“Outstanding Light Performance”

- Steve Wilson, Account Manager, Green Energy Solutions

“SimpleTube™ makes my life much easier!! ”

- Scott Witman, Store Owner, Bellingham Dairy Queen

“Great investment! Best solution for freezer case lighting, I would recommend American Bright Lighting to everybody. ”

- Mike Guerriero, President and CEO, The Light Center, INC.

“SimpleTube™ is durable and well-constructed!”

- Michael Doran, President and CEO, Energy Solution Unlimited, LLC.



Applications:

Freezer case lighting, under cabinet lighting

Features:

- Uniform light distribution and high CRI for attractive display
- Operate very efficiently at low temperature
- Produce less heat to reduce cooling cost
- More energy saving with dimmable control
- Eco-friendly with lower energy consumption
- 6 year comprehensive warranty



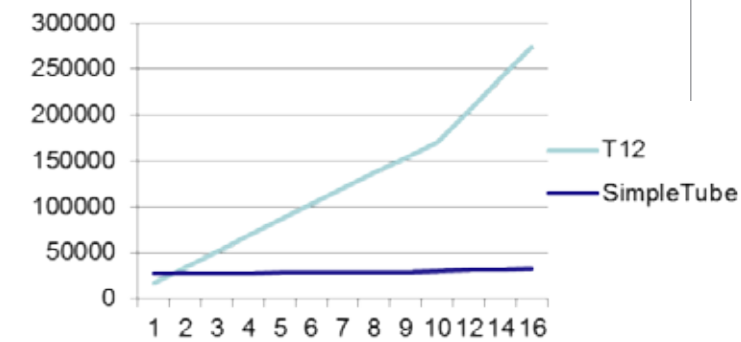
	Current	Watt/ft.	Lumen/ft.	Lumen/Watt
Silver	STS 20 mA	3.2	197	61
	STS 25 mA	4.0	222	55
Platinum	STP 20 mA	5.7	283	49
	STP 25 mA	7.4	347	47

Fluorescent VS LED

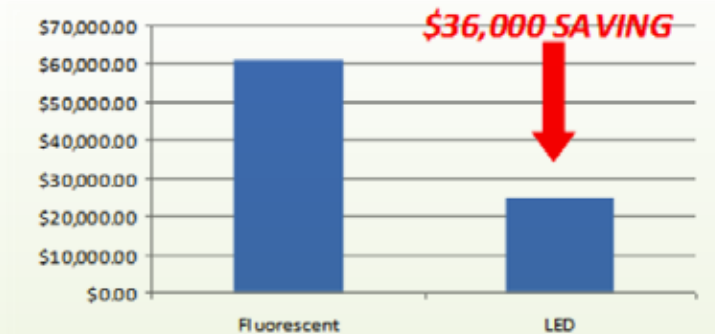
	Notes	F60T12/CW Fluorescent	SimpleTube™ LED
Voltage	Input Voltage	120V	120V
Avg Power Consumption per Tube	kW	0.06	0.031
Hours In Operation per Day	Hours	15	15
KW/hr Cost*		\$0.15	\$0.15
Days/Year		365	365
Total Hours per Year		5475	5475
Installation Fee per Door*	Initial fee	\$40.00	\$30.00
Total Number of Doors	Example of total doors	10	10
Lamp Cost**	Each Single Unit	\$20.00	\$85.00(C) / \$65.00(E)
Average Cost per Door	For each door	\$40.00	\$89.50
Annual Maintenance Per Year Per Door*	Parts + Labor	\$60.00	\$0.00
Life Span	Hours	10,000	55,000+
Cost for 12 months	Return on Investment	\$17,096.04	\$27,104.59

Note: Theoretical example only, may vary in different areas.

Payback



Cost of Ownership



Fluorescent VS SimpleTube™

Fluorescent T12



La Mexicana Market
California

SimpleTube™



Fluorescent T12



Bellingham Dairy Queen
Washington

SimpleTube™



Chevron Cooler Cases Get an Energy Upgrade

SimpleTube™ Provide Service Stations With 80% Energy Reduction

Chino, CA, (October 2012) When EcoGreen Solutions' president Anthony Mitchell learned about the SimpleTube™ by American Bright Lighting, he knew it would be a great fit for EcoGreen's Petroleum Program.

Chevron stations, as well as other major national petroleum brands, were the target for this energy savings program. EcoGreen embarked on a campaign to help convert stores in the Southern California area, including Chevron, ARCO and Shell, from fluorescent, HID and other high energy consuming light sources to LED in their service station and convenience food market. Each store has between 9 and 12 2-door refrigerated and freezer cases, 80% of which use F72T12 6-ft fluorescent lamps. One of the major downfalls of fluorescent lamps in a refrigerated environment is the reduction in output and overall life of the lamps in temperatures at 4 degrees C (39 degree F).



[View more](#)





Have you upgraded with GoldenEye™?

Technology that helps you cut out the driver board

What is Goldeneye



GoldenEye™ LED light engine adopts a proprietary and patented driving scheme - SimpleDrive™, which allows LEDs to be driven from 120VAC directly.

SimpleDrive™ uses all semiconductor devices so there is no need for capacitors, coils or resistors. A little larger than quarter coin, **GoldenEye™** packs 10W of lighting power into a compact size. The reliable **GoldenEye™** offers uniformity, efficiency and configurability* in an all solid state, dimmable** package.

* Wattages are reconfigurable from 1.6W to 12W same high efficacy

** Dimmable with electronic (trailing edge) dimmer

- High power light engine with SimpleDrive™ technology
- No power adapter is needed
- Custom CCT & CRI (>85)
- High lumen output > 800 lumens
- High efficacy with power factor > 0.93
- Fewer parts translate to lower cost
- Advanced Chip-on-Board design
- RoHS compliant

Easier Assembly



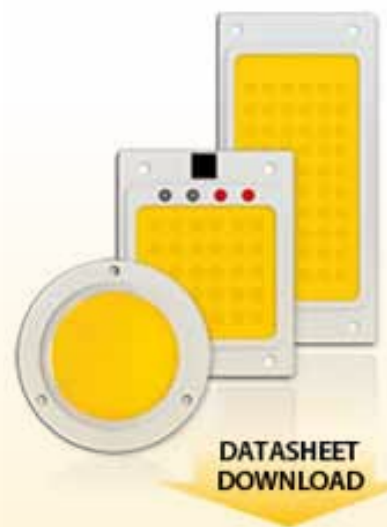
With the introduction of the **GoldenEye™** light engine module bulb and down light design is radically simplified.



Technology

There have been a lot of exciting talks about AC LEDs over the past years. The ability to bypass costly AC to DC LED drivers, reduce systems' size and cost all while still providing leading edge light quality is an attractive proposition for most lighting designers and specifiers. In the past, however, there have been sacrifices to make in order to reap the aforementioned benefits. With the introduction of American Bright Optoelectronics GoldenEye™ you don't have to give up anything but cost and complexity.

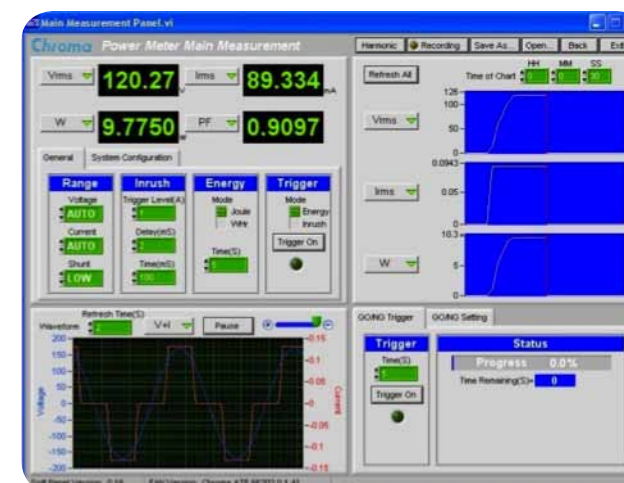
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SimpleDrive™

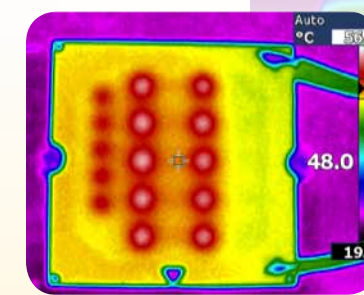
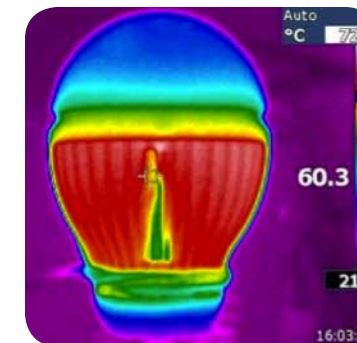
Power Efficiency

The inherent nature of the **SimpleDrive™** circuit also maintains a power factor of greater than 0.90.



Thermal Management

Optimizing thermal management is also streamlined by only having a single thermal source to contend with.



Applications

GoldenEye™ helps LED bulb deliver a much wider viewing angle



Commercial lighting companies

- Public indoor/outdoor lighting, Commercial buildings, Low or no maintenance lighting applications (high-rise buildings, difficult to reach areas), etc.

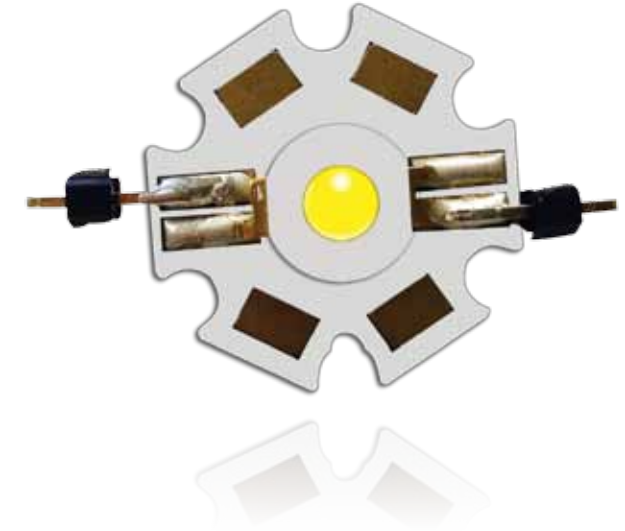
Specialty lighting designers

- Museum, Trade shows, Super markets, Theme parks, Hospitals, Offices, Transportation, Department stores, Restaurants, Gas stations, etc.

General consumers

- Residential indoor/outdoor lighting

EzyLED



Introduction

ezyLED™ is a new line of discreet LEDs based on the 1W and 5050 package sizes (with more packages to come) designed to be plugged directly into any 24V CV (Constant Voltage) driver or adaptor. Using the state-of-the-art HV (High Voltage) LED technology and built-in IC, the ezyLED™ can be easily designed into a scalable or modular lighting system without the use of resistors. ezyLEDs™ are set up to be run in parallel and it manages the load and constant current internally to the package. All you need to do is calculate the wattage the driver needs to be able to drive. Let EzyLED help speed up your time to market and reduce your BOMs.

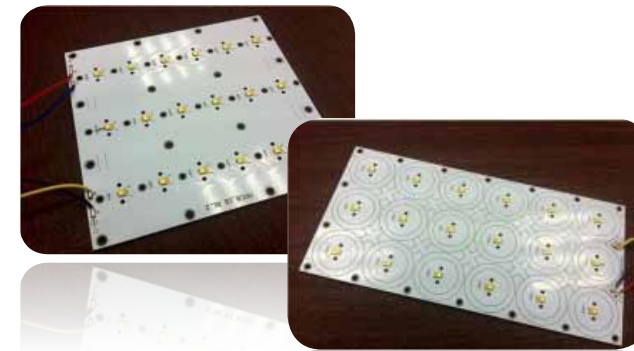
- 24V direct input for easy adoption
- Reduce the chance of component failure, making entire system more efficient and robust.
- Linear integrated circuit help control the current variation within 1%
- Cost reduction during both design and manufacture process



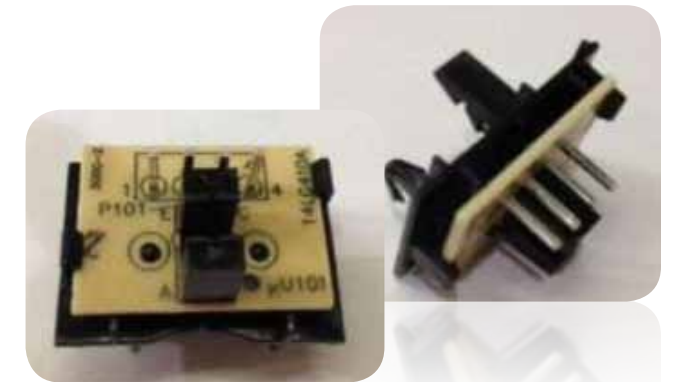
ASSEMBLY SERVICES

- Sample Analysis
- Compatibility Test
- Material Sourcing
- ODM & OEM
- Quality Control

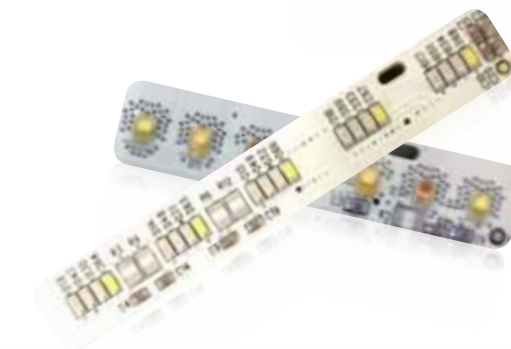
▶ Outdoor Lighting Panels



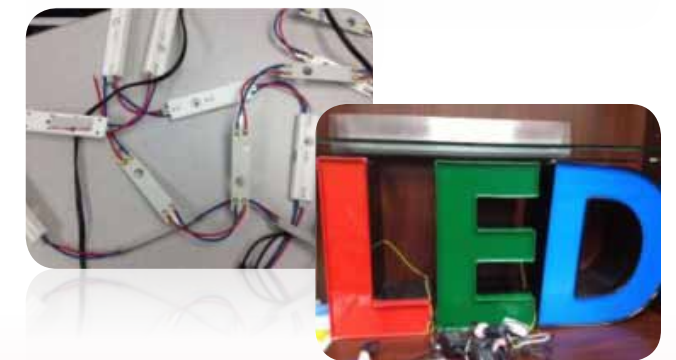
▶ Garage Door Opener



▶ Internal Lighting Strip



▶ Channel Letter



▶ Motor with Sensor



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