

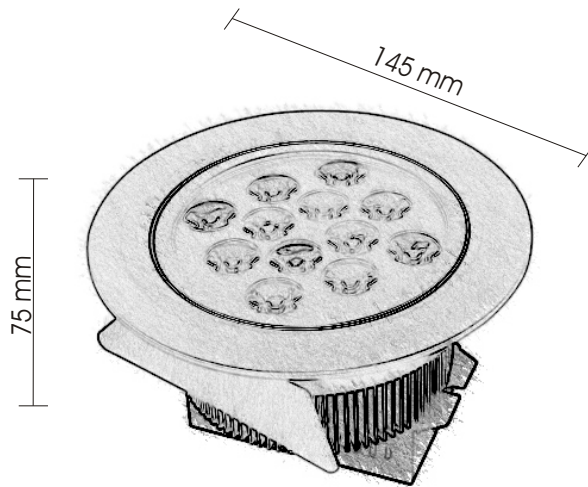
geolights



- innovations for a brighter future -

VISION
LED RECESSED SERIES GEOLIGHTS, INC.

VISION 12



DID YOU KNOW?

LED's can actually sustain a longer life-span than 50,000 hours.

LED's were rated at a 50,000 hour life on average because it is at this point that they begin to dim. Though even after 50,000 hours they will still produce light.

The main component of an LED is not manufactured, it is grown.

Gallium Nitride (GaN) crystals are at the heart of a LED. They are grown on sapphire wafers. Sapphire thus far has remained the cheapest method thus far. However there are strides being made in the growth of these crystals, which also mean an eventual decline in production costs. In recent developments, GaN crystals are now being grown on silicon wafers, which prove to be cheaper, and can generate a longer lasting light.

Specifications:

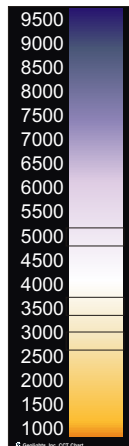
- Material: 6063 pure aluminum
- Size: (DIA) 145mm*75mm
- Power: 12*1W
- LED: Bridgelux
- Input voltage: AC90-264V
- luminous flux: 960-1080LM
- Body temperature : <60
- Life span: 50000 hours
- Color available: Cool White and Warm White (Red, Green, Blue and Yellow optional)
- CE, FCC and ROHS

The advantages of using LED lighting go far beyond efficiency. It becomes a matter of convenience. Business environments today are difficult to maintain. With the consideration of the health and safety of an establishment, maintenance is an absolute.

Something as simple as a light out can cause dark areas. Not only can this be dangerous, but also a misrepresentation of your business. Appearances are extremely important in a business. Customer perception is affected by the maintenance of an establishment.

The breakdown below illustrates an equal life cost between an average recessed fixture versus an LED fixture. Simply put, you will spend more than \$3,000 with an existing system to match the life of an LED fixture. The numbers speak for themselves.

Lighting	# of Lights	Watts Per Lamp	Savings Per Month	Replacement Cost / Unit	Life	Operating Cost Equal Life	Operating Cost Diff
GX24Q-3	65	26	\$0.00	\$7.99	10000	\$3,263.50	
LED	65	12	\$29.92	\$69.95	50000	\$307.73	\$2,955.77



It is important to take into account the color temperature of the light fittings used. For example, a warmer (i.e., lower color temperature) light is often used in public areas to promote relaxation, while a cooler (higher color temperature) light is used in offices.

5000K - Cool White: Similar to HID with a purple hue.

3500K - Natural White: A close simulation of sunlight.

2700K - Warm White: Similar to an Incandescent light bulb.

Converting your Recessed lighting to our replacement VISION 12 is simple. The old housing should pull out fairly easily with the removal of screws or clips, depending on the type. Once out, simply wire in the replacement VISION 12 and snap it into place. That's it! In a matter of minutes you will begin conserving energy and will have increased the life span of your lighting system.



Please call or email us for more information

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