

FIDES SUSTAINABLE LIGHTING

Sustainability | Fire resistance | MTBF 100K

Advantages

Durability, Economy, Fire resistance, Sound absorption, Non glare lighting, Easy installation, Ionized air purifier support bacteria sterilization effect in the air.

Fire performance

Non combustible to BS 476, Part4.

Galvanized metal sheet LED board

Tin plat galvanized metal sheet LED board are substitute PCB. Good thermal capacity with fire resistance, recycle green environment LED boards and gypsum save coast 30% then FR4 PCB.

MTBF

Excellent heat transfer effect protect thermal damage and absorption to long LED service life. Wide temperature operating increase over 100K MTBF service life time.

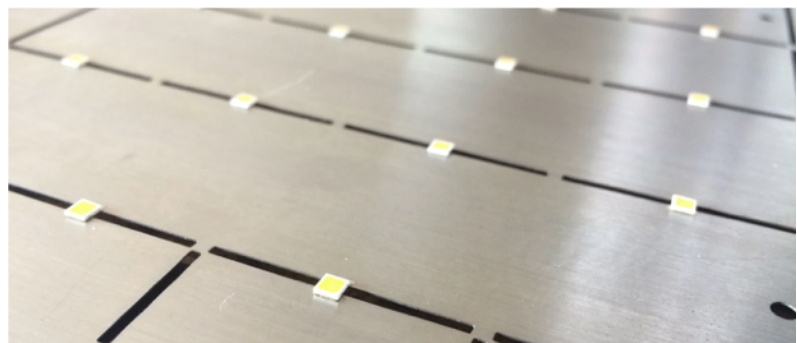
Standby zero

Our plug in standby zero module supports proximity touch, IR remote controlled On/Off under 50mW(AC220V/60Hz) 20mW(AC110V/60Hz) are fits IEC62301-2



Sustainable gypsum lighting

Gypsum board is excellent fire-resistive building material. Reaction to fire for building products historically is given by classification within national standards such as DIN4102. FIDES galvanized metal sheet LED board with FIDES-P4 novel AC-DC converting theory based flicker free module makes realized sustainable feature building lighting controlled green building.



FIDES ceiling lighting advantages

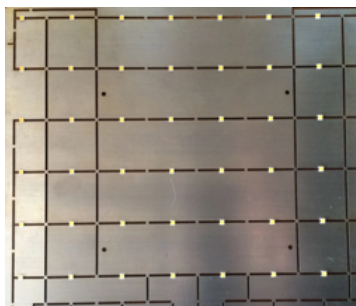
Zinc relief to press cutting and water proof silicon laminate LED boards are Fire resistance, Very good thermal capacity, Durability, Economy, Sound absorption and ionized air purifier protected aerial infection to public aria such a school, library, office, hospital. Seamless ceiling design supports



Module system lighting

Configurable module can drive increase 30% lumen power safely thermal hazard.

- Non-corrosive.
- Supports spun mineral fibres pressed, Glass fibres, Fibre cement, plasterboard panels.
- By the middle of the 1970's the suspended ceiling industry converted from imperial size ceilings over to metric . Standard ceiling tile sizes 600x600, 1200,600mm.
- Seamless design for same colors and patterns of ceiling.
- IEC62301-2 standby power supports zero watts SMPS.
- Sustainable flicker less without aluminum electrolytic capacitor DC smooth filter technology.

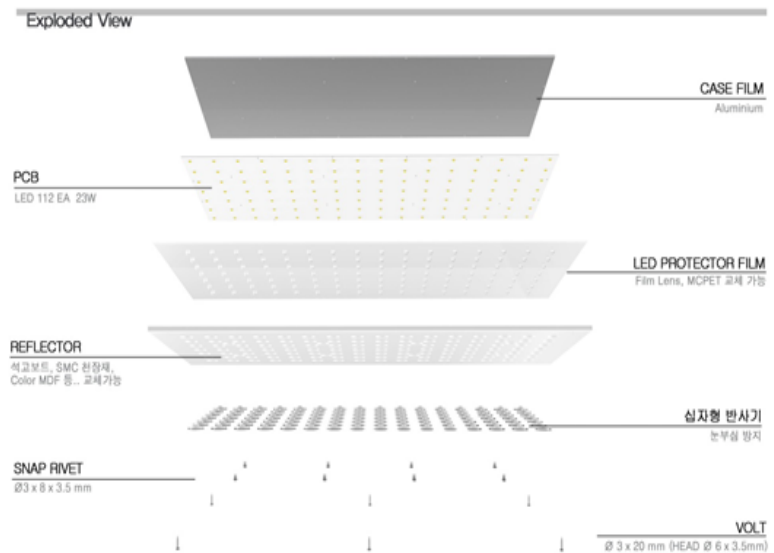


variety design color with non glare lighting.

Suspended ceiling lighting have generate air ionized supports bacteria sterilization, eliminate odors, by electrostatic air purifiers technology to be safe air infection.

Tin plate LED boards employed patented stamping technology supports simple and green manufacturing of non-chemical processes can on-demand process without PCB.

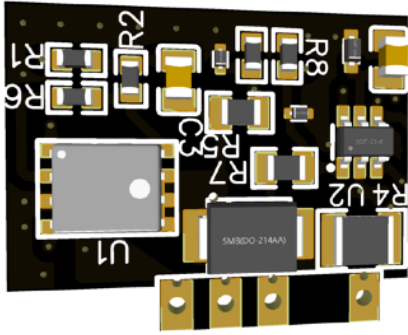
Non-aluminum frame and non chemical-free PCB provided an eco-friendly seamless ceiling design green environment with amazing half price then cheapest ceiling luminaire products of China.



Easy installation.

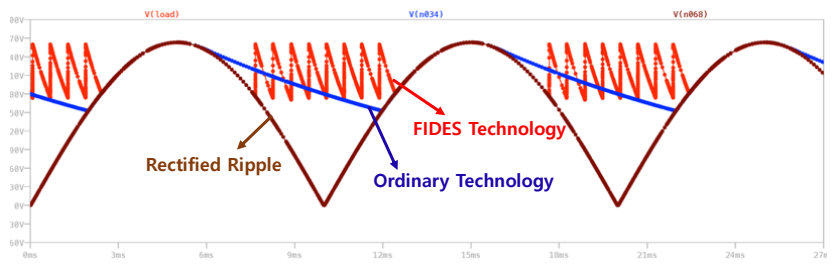
Just Plug In support to quickly old building modernize.





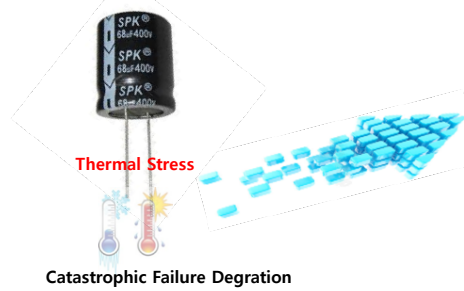
FIDES SMPS's

Our devastating technology AC-DC converting circuit provide patented AC-DC converter solid state valley fill with under 50mW standby power control system are flicker free and good power factor make 20 years more reliable LED driving sustainable green building lighting.



Intelligent solid state HVDC Capacitor

Aluminum electrolytic capacitor



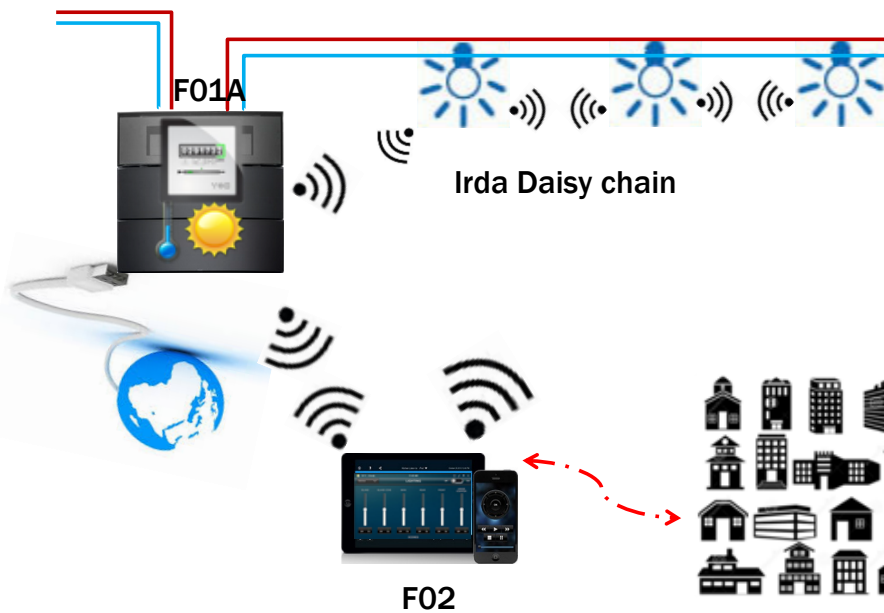
FIDES technology



- High reliability, Anti reverse polarity
- Wide operating temperature -40°C~125°C
- Long service life 100K/h
- Intelligent AC line standby zero IEC62301-1
- Remote by galvanic communication
- Small size
- Reasonable Price

FIDES BMS

AC100~230V



Sustainable buildings



Irda grid succinct networks realization to old building to energy efficient smart green building.

Each ceiling lighting fixture connected by infra red transceiver daisy chain networks.