

TIOSL

The internet of smart lighting

TIOSL SMART SYSTEM
V 1.0

SMART lighting, an advanced technology, makes our life more convenient, but meanwhile it also brings more new problems, such as data leakage due to uncertain environment safety, small group end users due to its high technology and high cost, no stable performance and no after-sales guarantee.

We are dedicated to offer smart lighting solutions, it uses Bluetooth mesh wireless networking to make customers enjoy its smart technology at ease with 100% data security protection. Our self-developed software and app, with great R&D capability and after-sales service, makes our price competitive and meanwhile lets our customers use it at ease. We provide the fittest solution for you that not only makes the energy saving more thorough, but also provides you with the most comfortable lighting experience.





FEATURES

TIOSL SMART System , Starting from the maximization of customers' interests, making SMART Control more safer, simpler and cheaper, all the designs can make you fall in love with SMART lighting immediately

PRIVACY PROTECTION
MORE SAFER



TIOSL SMART control system uses cutting edge Bluetooth mesh wireless network technology which is no-gateway and can directly connect to mobile APP; It also has Privacy protection for commercial and oversea customers

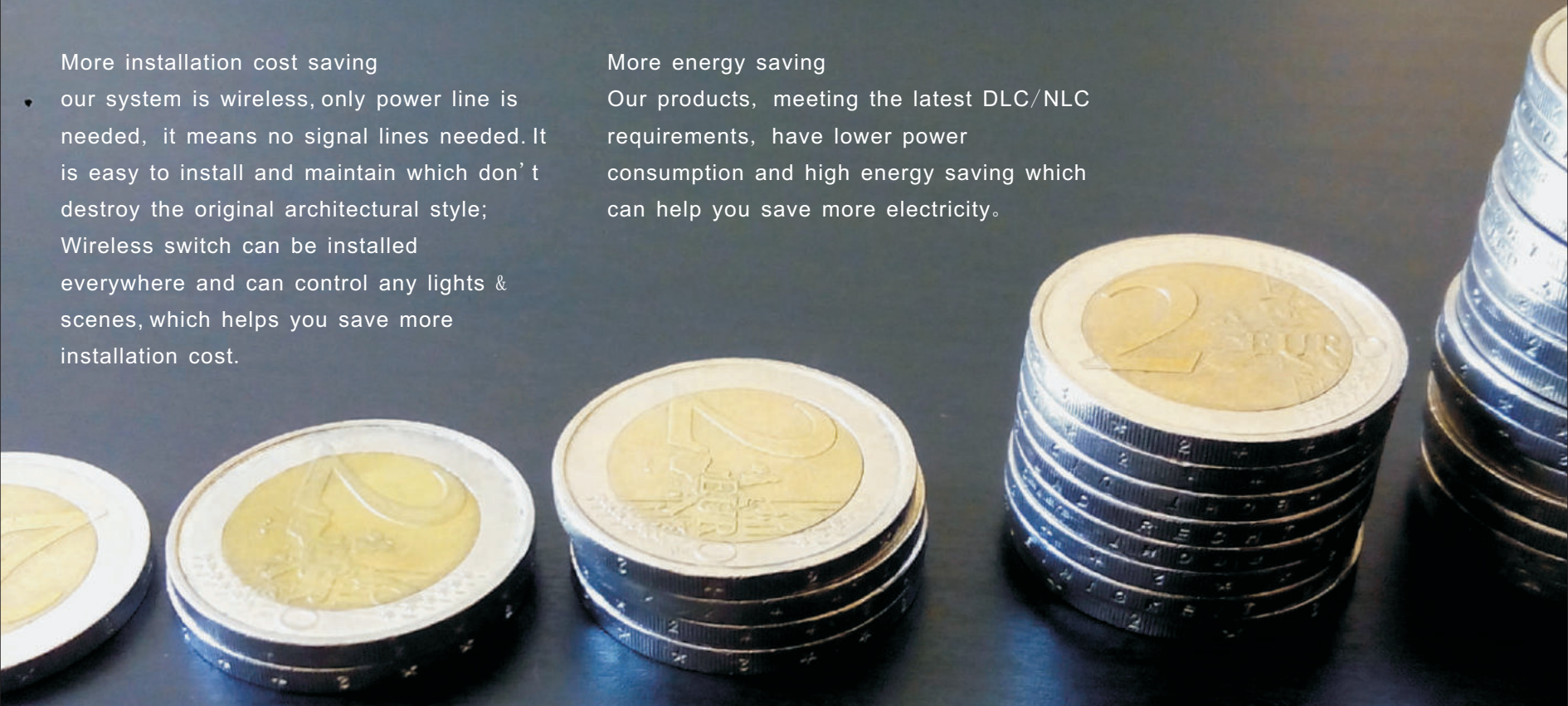
SAVING

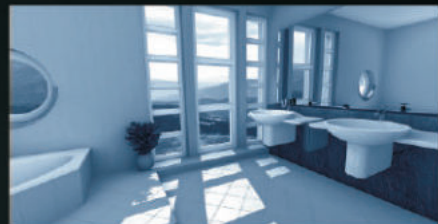
More installation cost saving

- our system is wireless, only power line is needed, it means no signal lines needed. It is easy to install and maintain which don't destroy the original architectural style; Wireless switch can be installed everywhere and can control any lights & scenes, which helps you save more installation cost.

More energy saving

Our products, meeting the latest DLC/NLC requirements, have lower power consumption and high energy saving which can help you save more electricity.





COMPLETE FUNCTIONS

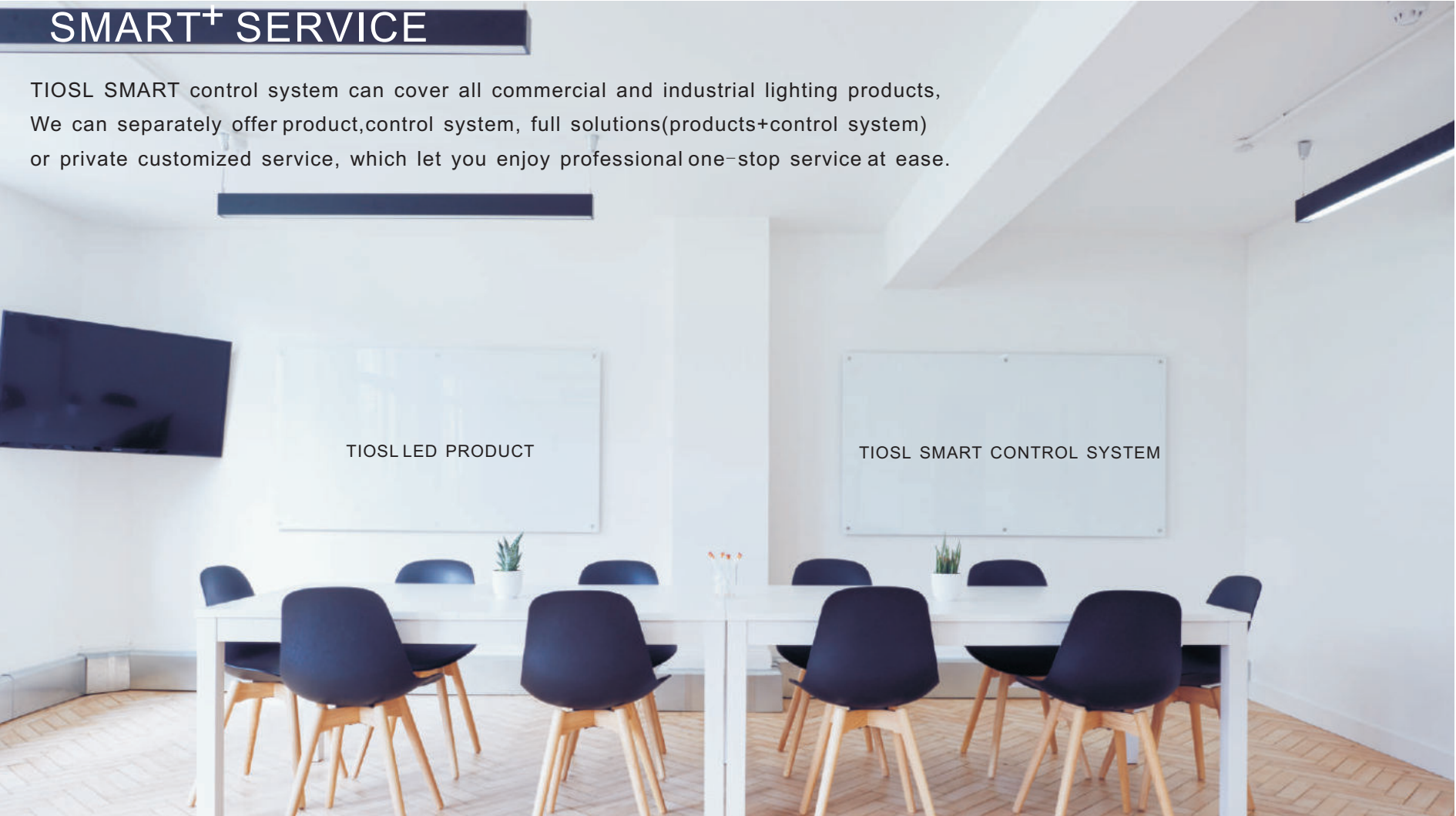
TIOSL system supports area control & group control & scene control, it also has signal stabilization and is suitable for office, school, library, hospital, work plant and warehouse etc. Its motion sensor interaction and photon sensor help to maintain comfortable lighting, its Circadian is ready for more healthy lighting, which let people improve their work efficiency and enjoy the art of light.

EASY OPERATION

we self-developed APP has simple interface, simple setup and operation which make it quick to apply; One smart phone can control all lights and one switch can control any lights and scenes which help improve customers' satisfaction.

SMART⁺ SERVICE

TIOSL SMART control system can cover all commercial and industrial lighting products,
We can separately offer product, control system, full solutions(products+control system)
or private customized service, which let you enjoy professional one-stop service at ease.

The image is a split-screen view of a modern meeting room. On the left, a large black LED screen is mounted on the wall. On the right, a large whiteboard is mounted on the wall. Both rooms feature a white table with four black chairs and a small potted plant on the table. The floor is made of light-colored wood. The ceiling has a long, black, rectangular light fixture.

TIOSL LED PRODUCT

TIOSL SMART CONTROL SYSTEM



CORE FUNCTIONS

TIOSL SMART system all functional design is based on the actual needs of customers.

Each function can make you feel that it is indispensable. All functions are leader in the industry, Make your SMART life faster than others.

DIMMING FUNCTION

Photon sensor for day light harvesting, maintaining constant illumination, is good for energy saving.

Dimming down the lights when strong natural light is more than required;

Dimming up the lights when no sufficient natural light is for comfortable lighting.

Lights provide comfortable lighting during nights when there is no natural light.



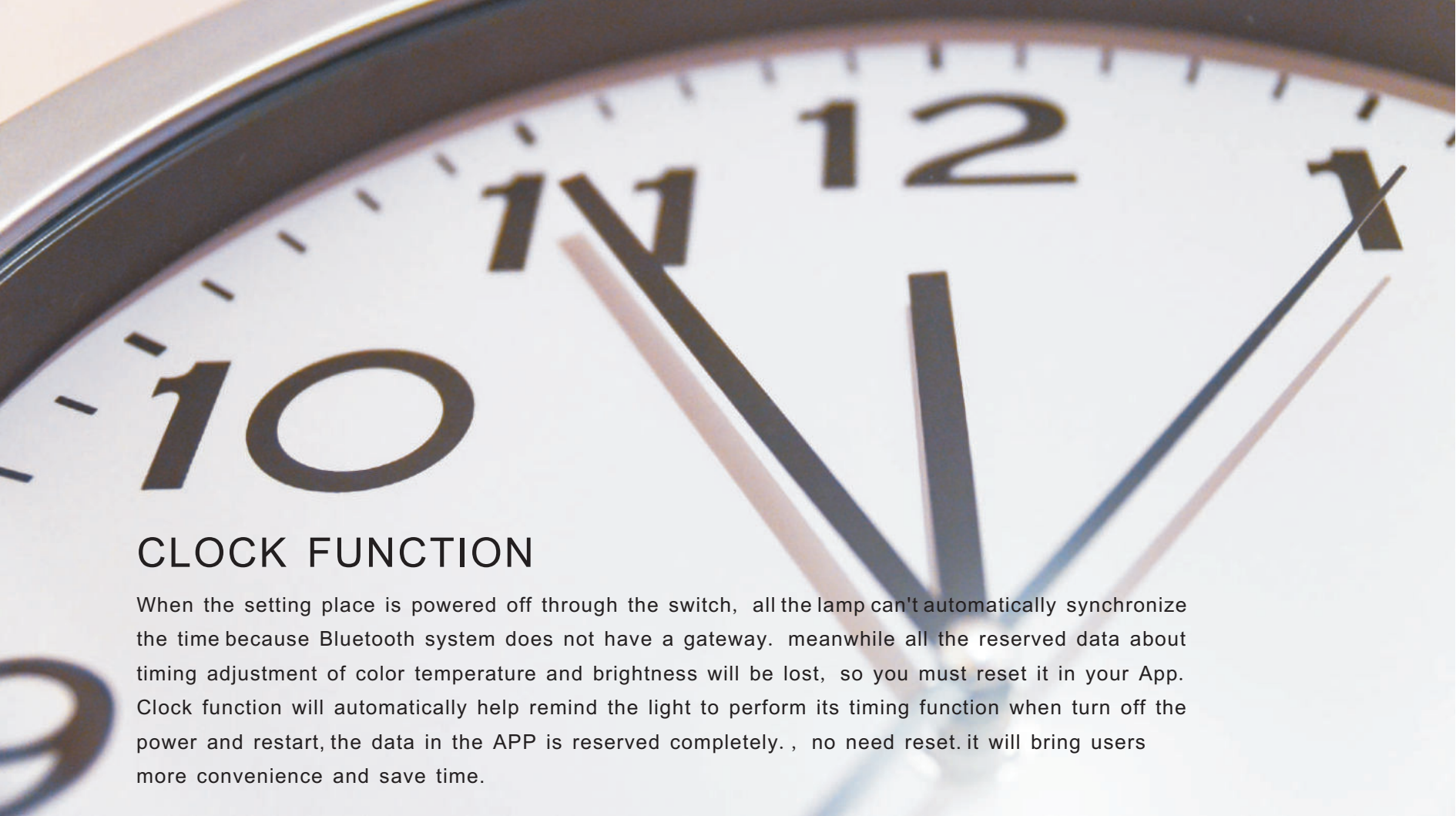
Occupancy Sensing By setting, the light is 100% brightness when people pass by, the light is off or only a certain proportion of brightness when people leave. So it helps get higher energy saving.

TIMING FUNCTION

Timer controls the light by the button of ON/OFF, the time also can be set such as what color temperature it is over the set time and what brightness it is, Once set, it can be automatic changing, letting you easily enjoy the convenience brought by SMART life.

COLOR TEMPERATURE ADJUSTABLE

The color temperature can be set and controlled in different environment or at different time, the fittest color temperature meets different working conditions, those help improve work efficiency and let people enjoy their work with the art of light.



CLOCK FUNCTION

When the setting place is powered off through the switch, all the lamp can't automatically synchronize the time because Bluetooth system does not have a gateway. meanwhile all the reserved data about timing adjustment of color temperature and brightness will be lost, so you must reset it in your App. Clock function will automatically help remind the light to perform its timing function when turn off the power and restart, the data in the APP is reserved completely. , no need reset. it will bring users more convenience and save time.

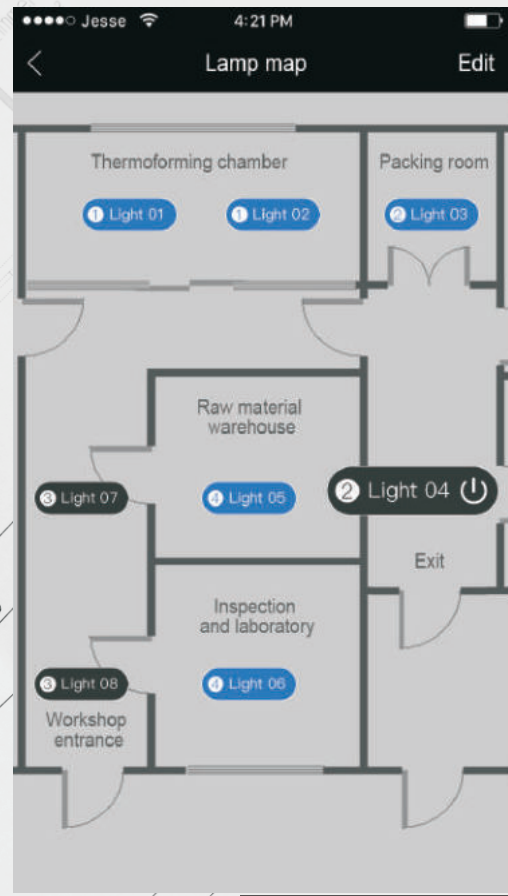
ENERGY CONSUMPTION STATISTICS



This function can record a series of parameter values, when users input the local electricity cost, the results will be quickly calculated, which will help you figure out the electricity cost saved by using LED lamps during a specific period of time, it will help you persuade your end customers, letting them see the benefits by using this function.

AUTO-MADE LIGHTING DESIGN DRAWING

When you design a room light, you can download the platform drawing or real pictures into the APP. You can lay the lights freely on the scene diagram, so it will be automatically generated of specific position information of each lamp in the APP. It will help you have a clear understanding of the specific location and working conditions of each lamp, it's convenient for your management and data reservation.





EMERGENCY LAMPS TEST FUNCTION

Usually, a project will include ordinary lamps and a certain proportion of emergency lamps. In addition, electricians will be arranged to check the emergency lamps regularly to confirm their normal functions. This work is very complicated, especially when there are many lamps in a room, it must be checked one by one. Once Emergency light test function is set, automatic detection of emergency lighting will be working in the room, so there is no need for electricians to check the lamp one by one, it will help you save more time and labor costs.



APPLICATION

TIOSL SMART system supports area control & group control & scene control, it also has signal stabilization and is suitable for office, school, library, hospital, work plant and warehouse etc.
More convenient, safer and let you enjoy the smart life.

OFFICE APPLICATION

Using Occupancy sensor+ daylight harvesting sensor, the light is 100% brightness when people pass by; the light is off or only a certain proportion of brightness when people leave, it helps save more energy. Meanwhile the brightness of the lamps can be automatically changed according to the ambient light whose purpose is to have a comfortable lighting in the office to improve working efficiency.

Lighting suggestions: LED TROFFER, LED tube, panel light, Downlight, Linear light.



MEETING ROOM APPLICATION

Using Occupancy sensor+daylight harvesting sensor, the light is 100% brightness when people pass by; the light is off or only a certain proportion of brightness when people leave, it helps save more energy. Meanwhile the brightness of the lamps can be automatically changed according to the ambient light. Meanwhile you can set different scenes, such as meeting scene, projection scene, discussion scene etc.

Lighting suggestions: LED tube, panel light, downlight , linear light , troffer



CLASSROOM APPLICATION



Daylight harvesting sensor+Class scene+projection automatic scene+timed task automatic control. The platform area is 100% brightness when the student desk area is 60% brightness. Making use of human eye's phototaxis to let students focus on the platform. When projection automatic scene is set, the lighting brightness in the projection area will automatically reduced, at the same time the students' desk area will keep the brightness properly. When all students leave classroom, all light will be off.

Lighting suggestions: LED tube, panel light, linear light, troffer

LIBRARY APPLICATION



Occupancy sensor+daylight harvesting sensor, The light will be working when reading area and bookshelf area are occupied, Meanwhile it automatically interprets the brightness of the lamps according to the ambient light to maintain the comfortable lighting. After the library is closed and the readers leave, the lamps will automatically turn off.

Lighting suggestions: LED Downlight, tube, linear light , panel light

WAREHOUSE APPLICATION

Occupancy sensor+ day light harvesting sensor, when people pass by, the light is 100% brightness, when people leave, the light is off or only a certain proportion of brightness. More energy saving.


Lighting suggestions: **UFO high bay**, **Linear high bay light**, **tube**.

PARKING APPLICATION



Occupancy sensor+day light harvesting sensor,when people and car pass by, the light is 100% brightness, when people and car leave, the light is off or only a certain proportion of brightness. More energy saving.

Lighting suggestions: high bay light,tube, tri-proof light



TIOSL SMART CONTROL SYSTEM WITH YOU TO LIGHT UP THE WORLD EASILY

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