

# Lightings Beyond Standard

Showcase T8 Flat  
Nightingale Cobra  
Goose Crane Tube  
ColoRex MR16  
Square Pineapple  
Round Egg Pancake  
Elbow Downlight  
Leon PAR30  
Peanuts Cygnus  
Multiple SMDMax  
Q4  
Finland T5 Mania  
Free Norway Big Eye  
Kiwi





## Index

**CR** ColoRex Color Control

**Wi-Fi** 2.4GHz Wireless Control

**TR** TRIAC Dimmer

**P** Patent Registration

**D** Design Registration

**GD** Good Design Awards

**1C**  
**65** **What is COB? 10**  
**Downlight**  
Egg / Pineapple 14  
SMDMax 26  
ColoRex 34

**Panel light**  
Flat 46  
Cygnus 52

**Applications**  
Peanuts 60  
Pancake 62  
Mania 64

**6E**  
**9C** **Special**  
Finland 68  
Multiple 80  
Norway 82  
Leon 88  
Elbow / Free 90  
PAR30 / MR16 92  
Q4 96  
Big Eye 98

**10C**  
**11E** **Tube/Standing Light**  
T5 / T8 102

Crane A,B / Nightingale 108  
Kiwi / Goose / Cobra 110

**Showcase 112**

# Time Table

2007

**Jul. 2007**

Established CG lighting incorporation.  
China plant in Guzhen town, Zhongshan city, Guangdong province.

**Aug. 2007**

Developed a lighting luminaires of its own technology.

09

10

**Sep. 2009**

Begin full production of downlights in.

**Oct. 2009**

Register one desing patent for ceiling downlights.

**Oct. 2010**

Register 6 design patent for direct mounting type ceiling downlights.

11

12

**Jan. 2011**

ISO certified company. (ISO9001-2008 / ISO14001-2004)

**Apr. 2011**

Open an office in Mongolia.

**Jun. 2011**

Acquired KC certification of the general & incandescent lighting fixtures.

**Aug. 2011**

Moved head office to Bangbae-dong, Seocho-gu, Seoul.

**Dec. 2011**

Registered three cases of utility model for lighting devices, such as lighting equipment, built in lighting on the ceiling, LED lighting equipment.

**Mar. 2012**

Registered as a women entrepreneur.

**May. 2012**

Registered certification of the Mainbiz.

**Apr. 2012**

Acquired a membership of Seoul chamber of commerce.

**Nov. 2012**

Registered certification of the research and development department.

13

14

**Feb. 2013**

Realized a million dollar export of LED lights.

**Jul. 2013**

Registration for the LED lights frame structure design.

**Jan. 2014**

Acquired FCC certification of U.S.A.

**Feb. 2014**

Acquired a certificate of 4years non-failing product from Crystal county country club, Jincheon, Chungbuk in Korea.

**Feb. 2014**

Acquired European CE certification for SMDMax 50W, 40W, 30W product family.

**Mar. 2014**

2014 Excellent enterprise customer satisfaction award from Seoul economic daily.

**Mar. 2014**

Award for The 1st Korean excellent lighting by Korean environmental space design association.

**Mar. 2014**

Acqured 2 patents related to LED lighting device.

**Jun. 2014**

Registered certification of the promising export firm.

2015

**Jun. 2014**

Accredited as a promising SME export company.

**Aug. 2014**

Moved head office to IT Valley, Uiwang-si, Gyeonggi-do, Korea.

**Sep. 2014**

Acquired 9 designs registrations related to LEDlight heat sink structure, railspotlights, floodlights.

**Sep. 2014**

Acquired Innobiz SME certificate.

**Oct. 2014**

Registered a design for LEDlighting heat sink structure.

**Nov. 2014**

Open a brach office in Seoul.

**Nov. 2014**

Leon accent lights, 2014 Good design product award by Korea institute of design promotion.

**Dec. 2014**

Acquired the european CE certification for Egg, Pineapple 20W, 15W, 10W, 5W family and SMDMax 50W, 40W, 30W family.

**Jan. 2015**

Registered a design for lighting side cover.

**Jan. 2015**

Registered a trademark of ColoRex.

**Jan. 2015**

Patent applications for SMPS module lighting control system using 2.4GHz wireless communication.

**Feb. 2015**

Introduced of the ERP system.

**Mar. 2015**

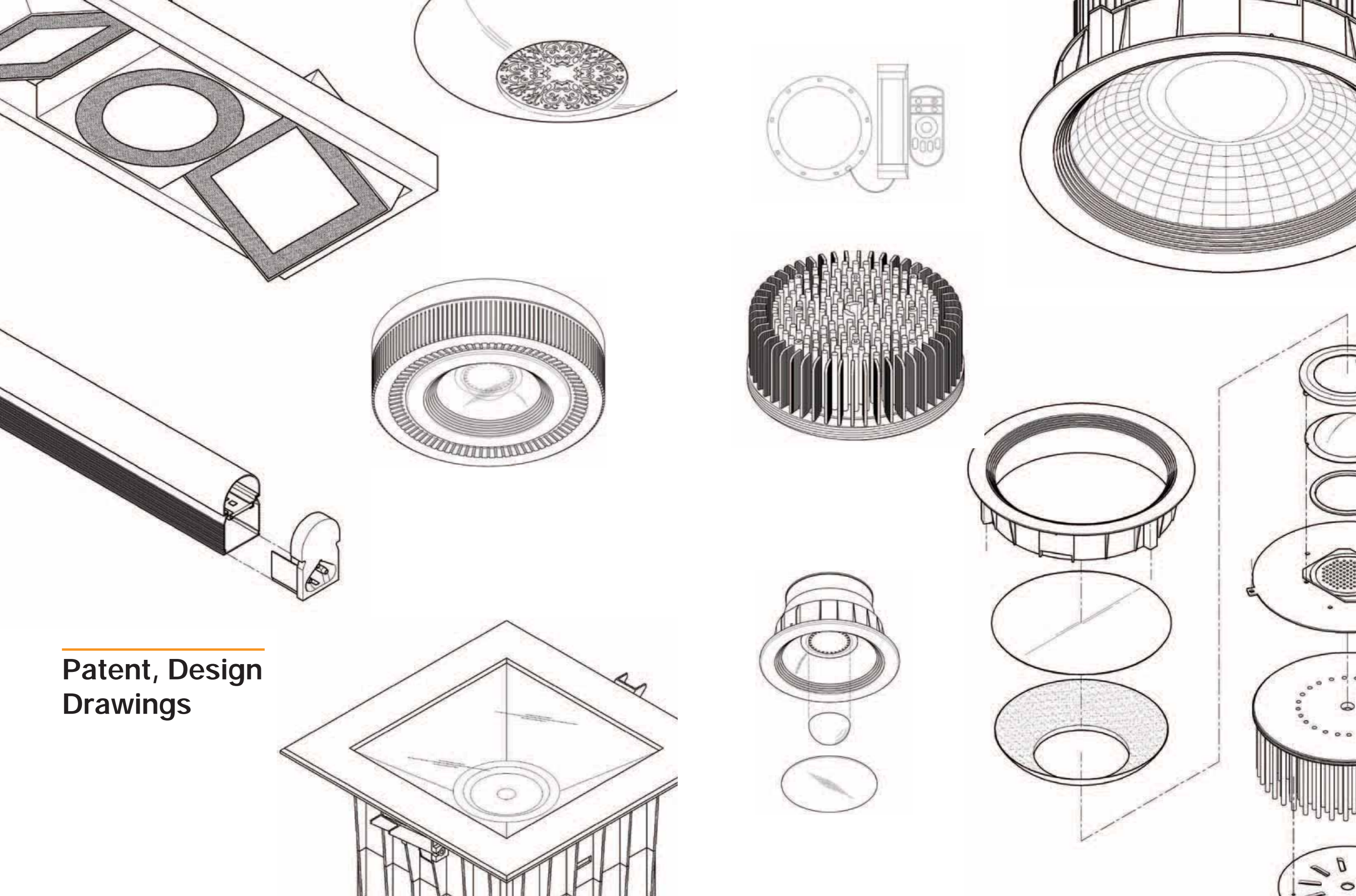
Signed cooperation agreement of the Wonkwang university.

**Apr. 2015**

Signed cooperation agreement of the Baekseok university and Sunmoon university  
Acquired a membership of Korea illumination industry cooperative.

**May. 2015**

Signed distributor agreement of India, Vietnam region.  
Acquired Japanese PSE certification for downlight product family.



**Patent, Design  
Drawings**



---

## Humble Beginning

CG lighting was established in Seoul, Korea in winter of 1996. Since then, CG lighting has been steadily growing and expanding to new heights. Today, CG lighting is one of the most successful lighting manufacturers in Korea. Our more than 19 years of experience as a manufacturer of high quality and precision lighting has proved its worth, particularly in the various interior lighting space, and as well as our use of innovative techniques. Our technological innovation department is continually enhancing and developing our product line to insure continuous upgrade and meet our fast changing world. Our motto is "The past is fixed, the future is to innovate and create."

---

## Products Profile

CG lighting specializes in LED lights of all shapes and sizes. It is designed to optimize individual environment and deliver unsurpassed lighting quality. They provide a high end light emitting components and special materials, giving them stability and robust durability. Our company offers diverse product lines which are suitable for any type of environment. It also creates a beautiful blend with the surrounding and interior design specifications. It is suitable for each individual taste and requirements. We are environmentally friendly and very efficient energy saving quality lighting.

## ColoRex Lighting Technology

Light manufacturing industry recently developed and applies a variety of techniques for an intimate communication with the consumers. CG lighting products design lab has created a new identity reflecting preference for color with individual customer while making the most of luminous efficacy with lighting which is the basic feature of lighting. The new lighting technology focusing on this identity of CG lighting is the 'ColoRex'. ColoRex is a compound word of 'Color' and 'Rex' that means

the lord or 'Exchange' that means take and give a color. CG lighting luminary with ColoRex technology has innovative design with precise radial arrangement of SMD type LED chip in between 3000-5800K color temperature to switch the color temperature. ColoRex lighting technology offers a pleasure to pick illuminant colors depending on the consumers feel in a particular space and time away from stereotype ideas that a single luminary must be fixed with a single color temperature.

If you choose a cool 5000K band short wavelength light source, it is useful for learning a class that require an attention and if you choose a similar 3000K incandescent longer wavelength band light sources at meal times, you will be able to add warmth to the dishes. The new technology that helps individual customer to create a beauty is 'ColoRex' that is beyond simple adds of brightness in the space making a harmony with the unique color of the light in space.

## 2.4GHz, Smartphone, Remote Control

The radio control, Infrared IrDA (Infrared Data Association) system, RF (Radio Frequency), ultrasonic waves, visible light, etc. are used for radio control. Among them, IrDA, RF approach is mainly used. Infrared ray is suitable for one way communication, but it does not operate well depending on the signal transmission angle or an obstacle. 2.4GHz radio wave is much advantageous in many ways as it is possible to make a two way communication with less constraint by the angle or an object and two-way communication is available. We are living in an age that we can find 2.4GHz

wireless related products around us frequently. Mostly they are wireless headphones, cordless phones, and radio control toys using mainly 2.4GHz. Why is it? CG lighting also selected this bandwidth. What is the reason? 2.4GHz bandwidth propagate electronic wave 2.4 billion times a second. Usually, if the frequency is lower, communication reach, diffraction, and transmission performance is excellent, but there is a shortcoming of poor data transmission. Communication range and data transmission is balanced in the bandwidth of 2.4GHz. So called "Wi-Fi" is the wireless local area

network according to the IEEE 802.11 standard using 2.4GHz band that can reduce maintenance costs associated with wiring to a minimum. CG lighting, radio controlled lighting system, using the 2.4GHz, lit the lamp easily with an existing Wi-Fi network in your smartphone app, or can be dimmed or change color temperature. In addition, if you installed extended wireless AP (Access Point), the distance to control the lighting will be extended to almost infinity. If required, wireless remote controller alone, without Wi-Fi network, can direct the light in a 30m radius as an option.

## What is COB?

COB (Chip On Board) type LED is a number of LED chips fixed on one module. Unlike SMD (Surface Mount Device) type, it can reduce manufacturing process and administrative costs as there is no hassle of attaching the LED chip as the process of fixing only one LED chip on the metal substrate in the groove. It has an advantage in manufacturing low thermal resistance high power reducing the weight and volume while binding multiple LED chips in a single module.

CG lighting COB type lights ensures a uniform light quality comparable to a surface light source though it is a point light source as multiple LED chips are gathered small LES (Light Emitting Surface) 0.1~0.2W power consumption per one LED chip.



It has an optimized light output and less harsh glare on the eyes, that is suitable in the place that requires smooth, but high light quality. COB type LED chips used CG lighting luminaires are small, but with high output and has a beautiful appearance as a flexible design is available without using multiple optical systems. CG lighting products with COB type LED chip are Egg, Pineapple, Finland, Norway, Big Eye, Leon series. Many of these products demonstrate a high level of color uniformity and excellent optical efficiency that meet MacAdam 3Step.

### MacAdam 3Step

The reference value for assessing if it is seen in the same color as the base color coordinates when determining the color coordinates with eye. It means that the smaller the step is the closer to the base color coordinates and color variation is low. 3Step is the precise level of color variation general public cannot differentiate.

I01

Downlight  
Egg  
Pineapple  
SMDMax  
ColoRex



Goniophotometer





---

## New Egg & Pineapple

### COB Type Downlights

#### What's Egg and Pineapple?

Heavy and low stability dripping downlight gives a great anxiety to the user. CG lighting downlight is a product designed with external SMPS. External SMPS downlight products can be lighter by reducing the load on the lighting equipment and maintenance is easier as SMPS LED lighting, main cause of a failure is installed outside the lighting equipment. Egg and Pineapple are classified according to the combination of SMPS parts. Egg is a high end lineup that adopted full high reliability parts whose reliability is secured in harsh conditions and Pineapple is best combination of price and performance adopting best economic combination of parts. Even if you select any model lineup, you can feel what long life, high quality lighting means.

#### It's a Time to Change The Stereotype Thinking that LED Downlight are Harsh Glare?

While designing a new downlight, CG lighting considered all the elements that characterize the glare, light quality, color rendering, light efficiency, flickers, and high quality illumination by light. CG lighting tried to develop advanced technology most excellent fit to the elements. Finally, the results are collected together to make CG lighting Egg, Pineapple downlights. This product was born to a completely different lighting equipment from conventional downlights.



---

Crystal County Country Club  
Chungbuk Province  
South Korea  
Egg Downlight 6 Inches 10W



---

Crystal County Country Club  
Chungbuk Province  
South Korea  
Egg Downlight 6 Inches 10W

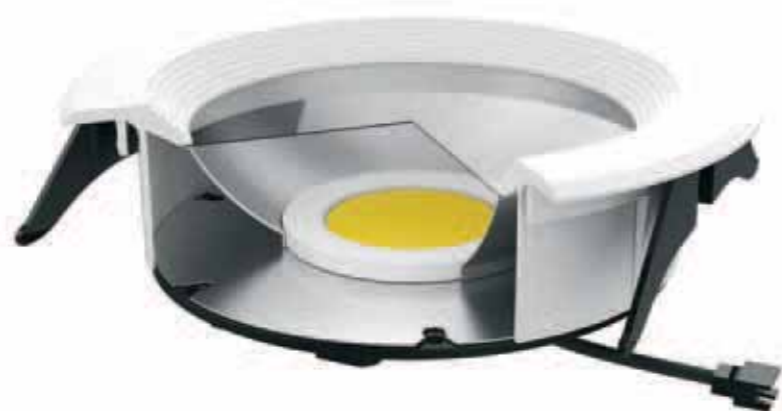


### COB Type LED Module

Delicately expressed in the new CG lighting downlight and beautiful light will start in Epistar LED modules. It is a model with low power consumption of 0.2W per one LED chip, which is the base of soft lighting quality. It presents a fancy light in the space as 50 to 100 optimized LED chips are bound together by COB type.

### Soft, Natural Shadow

General LED lights are made of one LED chip in one LED package each so each light point makes its shadows to the result of making unnatural several overlapping shadows. Alternatively CG lighting Egg and Pineapple series shows soft lighting quality with one core type that gathered several core modules in one core and shadow formation is tidy without coming off unnaturally.



90mm

### 50mm, It Become Smaller

New CG lighting downlight is designed for all construction sites. Lighting equipment height is lowered significantly from 90mm to 50mm so it can be easily applied in a low floor space. In the future, you do not need to find any difficulty for installation or stop working. You can install in any place, just as you intended.



50mm



Toms  
Busan  
South Korea  
Egg Downlight 8 Inches 20W



## Egg, Pineapple Round Recessed Downlight



Power Consumption - 5W  
 Dimensions - Ø125×H50mm  
 Hole Size - Ø110mm  
 CCT - 3000K / 4000K / 5000K / 6000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FPX 13W  
 Input - AC100-240V 50-60Hz



Power Consumption - 10W / 15W / 20W  
 Dimensions - Ø175×H50mm  
 Hole Size - Ø145mm  
 CCT - 3000K / 4000K / 5000K / 6000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26W / FDX 26Wx2  
 Input - AC100-240V 50-60Hz



Power Consumption - 20W / 30W  
 Dimensions - Ø226×H50mm  
 Hole Size - Ø210mm  
 CCT - 3000K / 4000K / 5000K / 6000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx2 / FDX 26Wx3  
 Input - AC100-240V 50-60Hz



### Superb Heat Treatment Capacity

New CG lighting downlights gathered small LED chips in a small space beyond imagination. Gathering of small chips generate heat, but the heat treatment structure designed an innovative way to get rid of any worry. One piece aluminum plate arranged in the back maximized ventilation and heat treatment to cool the heat blown out from countless LED chips. Thin heat sink has reduced emissions to help the lighting equipment to function stably and the size and weight are minimized over expectation.

### 2.4GHz, Give Wings to Lighting Control

Making a downlight for the next generation, CG lighting tried to realize operability that is not limited by space. Zigbee type 2.4GHz wireless communication module is capable of overcoming an obstacle with flexible light and control color temperature. It has scalability to control with 100 lamps in one channel that makes over 400 lamps in aggregate. In addition, as it does not require a separate communication line, all the work will be done by connecting a few electric lines. If necessary, change SMPS, then wired control will also be done easily.



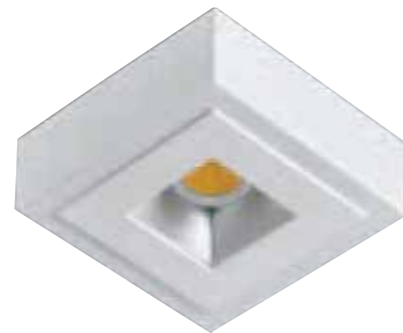
Power Consumption - 10W  
 Dimensions - W170xD170xH50mm  
 Hole Size - 150x150  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26W  
 Input - AC100-240V 50-60Hz



Power Consumption - 5W  
 Dimensions - W120xD120xH50mm  
 Hole Size - 100x100  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FPX 13W  
 Input - AC100-240V 50-60Hz



Power Consumption - 10W  
 Dimensions - W220xD220xH100mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26W  
 Input - AC100-240V 50-60Hz



Power Consumption - 5W  
 Dimensions - W180xD180xH90mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FPX 13W  
 Input - AC100-240V 50-60Hz



### Egg Round Type Direct Mounting Downlight

It looks easy to make a round type direct mounting downlights that is commonly seen and exposed to moisture. However, it is a very difficult task to make a lighting fixtures that prove its worth for a long time. Egg round type direct mounting downlight has been already recognized in many job sites. This light was born through more than three years planning and thorough test. Thorough inspections over a long period of time is the testament that the lights does not allow even a small mistake at any place.



Power Consumption - 10W  
 Dimensions - Ø260xH72mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26W  
 Input - AC100-240V 50-60Hz

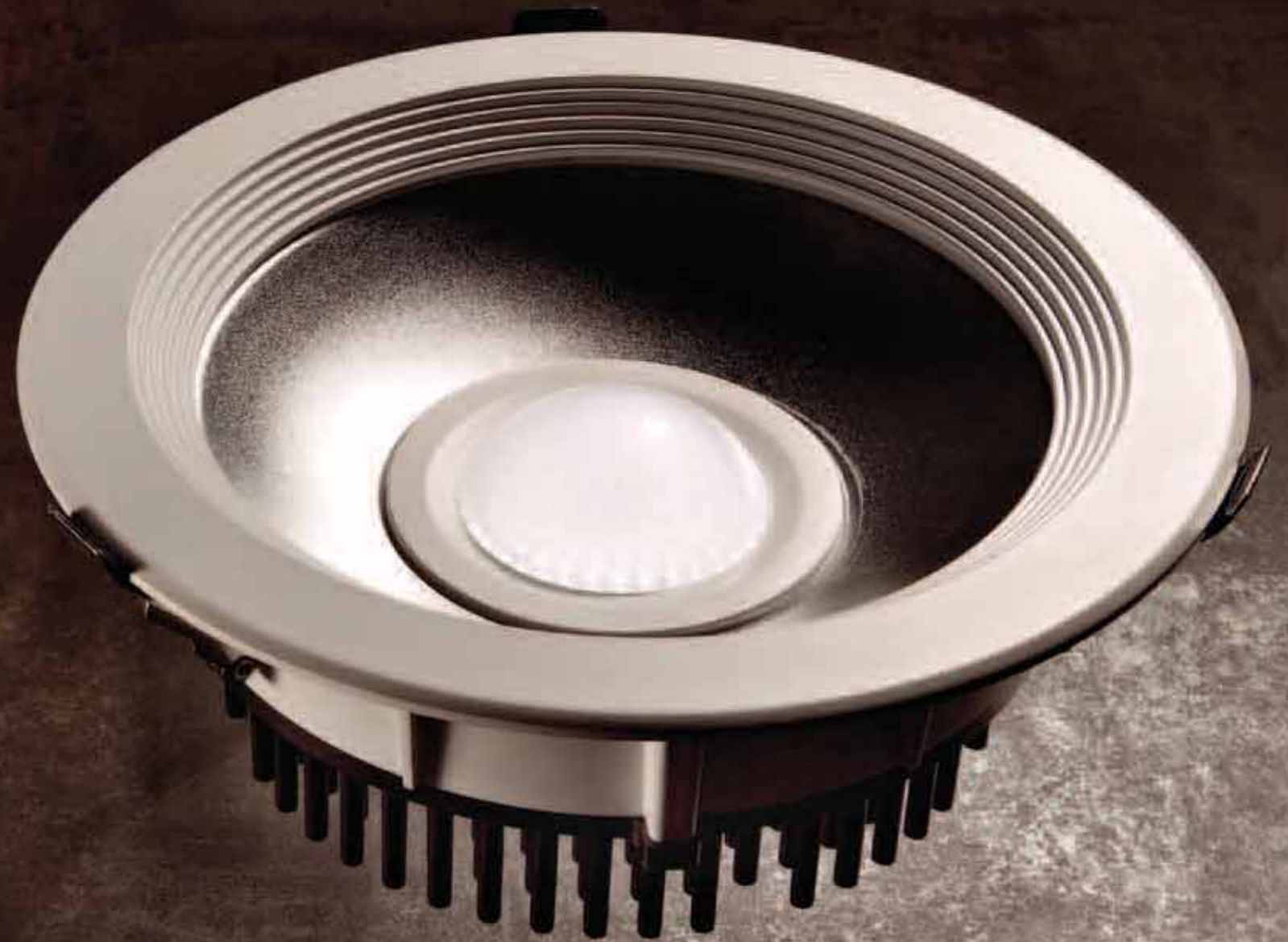


Power Consumption - 5W  
 Dimensions - Ø180xH66mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 13W  
 Input - AC100-240V 50-60Hz



### Egg Square Type Recessed Downlight Egg Square Type Direct Mounting Downlight

The lighting with the name Egg constantly seek the best of "special light quality" and "durability" and "design". Rather than pursuing the splendor of appearance it simply pay attention to the inherent strength of the light that is projected in space. It is reflected with the philosophy of doing the best to achieve a harmony with the place to be installed from the first step of the design of a lighting. In particular, it is the result of persistence in in close care of even each small part.



---

## SMDMax

Boast an Overwhelming Power

SMD Type Downlights

### Control Brightness as You Want

Dimmer is an extremely important part of the communication with the light for CG lighting SMDMax downlight. All SMDMax downlight are more effective as they can adjust brightness of spatial light easily according to the space. Now give a change in intensity of light depending on the scene atmosphere. The new changes will start here.



Youngnak Church  
Gyeonggi Province  
South Korea  
SMDMax Downlight 8 Inches 50W



### Another Bright Shining Sun

CG lighting downlight SMDMax family that embrace high reliability SMD 2323 series LED chips made by Samsung. It can fill the light in the space that requires large amount of light with high ceiling. It is as if another sun is shining at any place it is installed. In addition, it operates smoothly in any region in the world as it covers voltage of AC 100V~240V with a dedicated SMPS. All this set up can be done quickly even in the space difficult to install downlight if only 100mm height is secured.



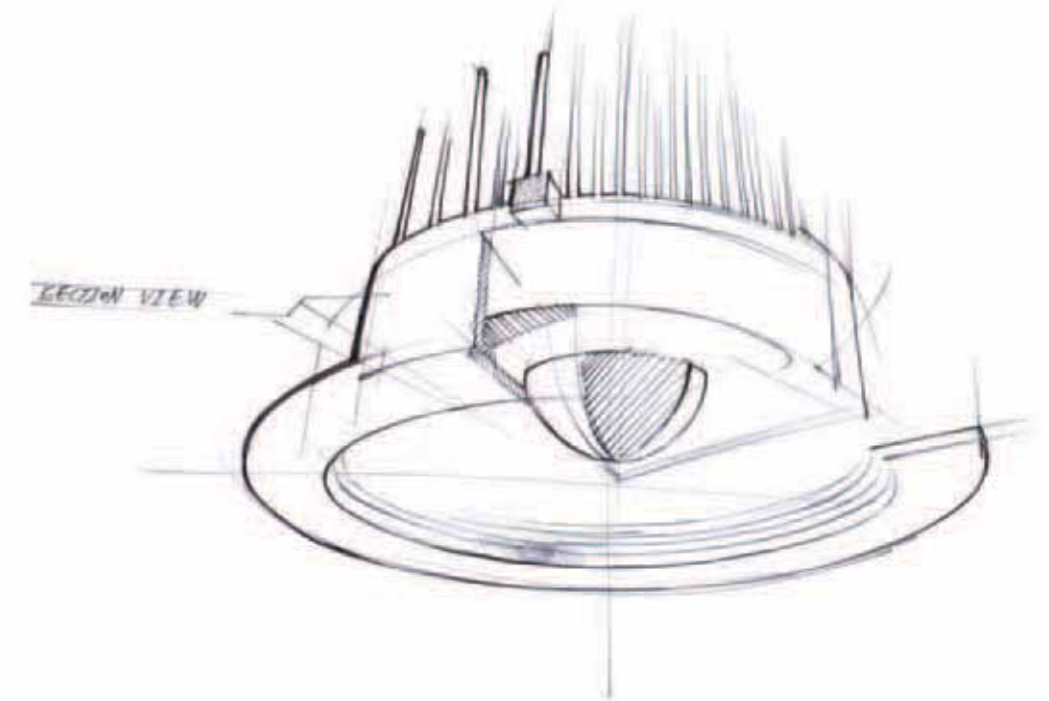
### 100 or 400

If you think the lighting scalability the bottom line is SMDMax is due to consider the lighting fixtures to be added in the future was important to reflect on the basic design. Zigbee methods are via 2.4GHz wireless communication module embraces dedicated SMPS flexible light intensity and color temperature control capability over obstacles. 100 on channel one, designed to be both at the same time to connect 400 to control the lighting.



### More than Heat Emission

What makes the best element for SMD downlight? Among others, the most important requirements is heat treatment techniques. CG lighting heat sink of special design maintains the optimum temperature inside the lamp to operate the LED package and the peripheral circuits smoothly. Be with CG lighting. You will be free from the worries about life shortening and efficiency resulting from overheating.





## SMDMax Round Recessed Downlight



Power Consumption - 20W / 30W  
 Dimensions - Ø175xH90mm  
 Hole Size - Ø150mm  
 CCT - 3000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx2 / HQI 100W  
 Input - AC100-240V 50-60Hz



Power Consumption - 40W / 50W / 60W  
 Dimensions - Ø226xH90mm  
 Hole Size - Ø200mm  
 CCT - 3000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - HQI 125W / HQI 150W / HQI 175W  
 Input - AC100-240V 50-60Hz



### Clearer Light

When you install the CG lighting SMDMax downlights in the ceiling, you can experience a whole new world. Made of high quality aluminum injection and precision plastic injection, it is really thin and has a light never in short. This is because the light is being emitted from a huge jump from the convex lens structure on the front. An amazing amount of light is the result of an optical lens design that pulls crisp light. In particular, when installing downlights in high places, the light reach the floor without being scattered to prevent waste power.





---

## ColoRex

### Change Color Like a Chameleon

#### Eliminated the Step

ColoRex is a single color downlights that can be controlled easier anytime, anywhere depending on the surrounding environment. Hold the remote control in your hand, press the button a few times then you can easily handle illumination fast to reflect the situation. You can adjust the brightness of the downlights to suit the situation according to their lifestyle such as sleeping, outing, and working. It is easy to use as it simply fixes the brightness with the support of stepless adjustment. The remote control is configured as a UI that can identify at a glance for intuitive and easy use.



CCT - 3000K



CCT - 4500K



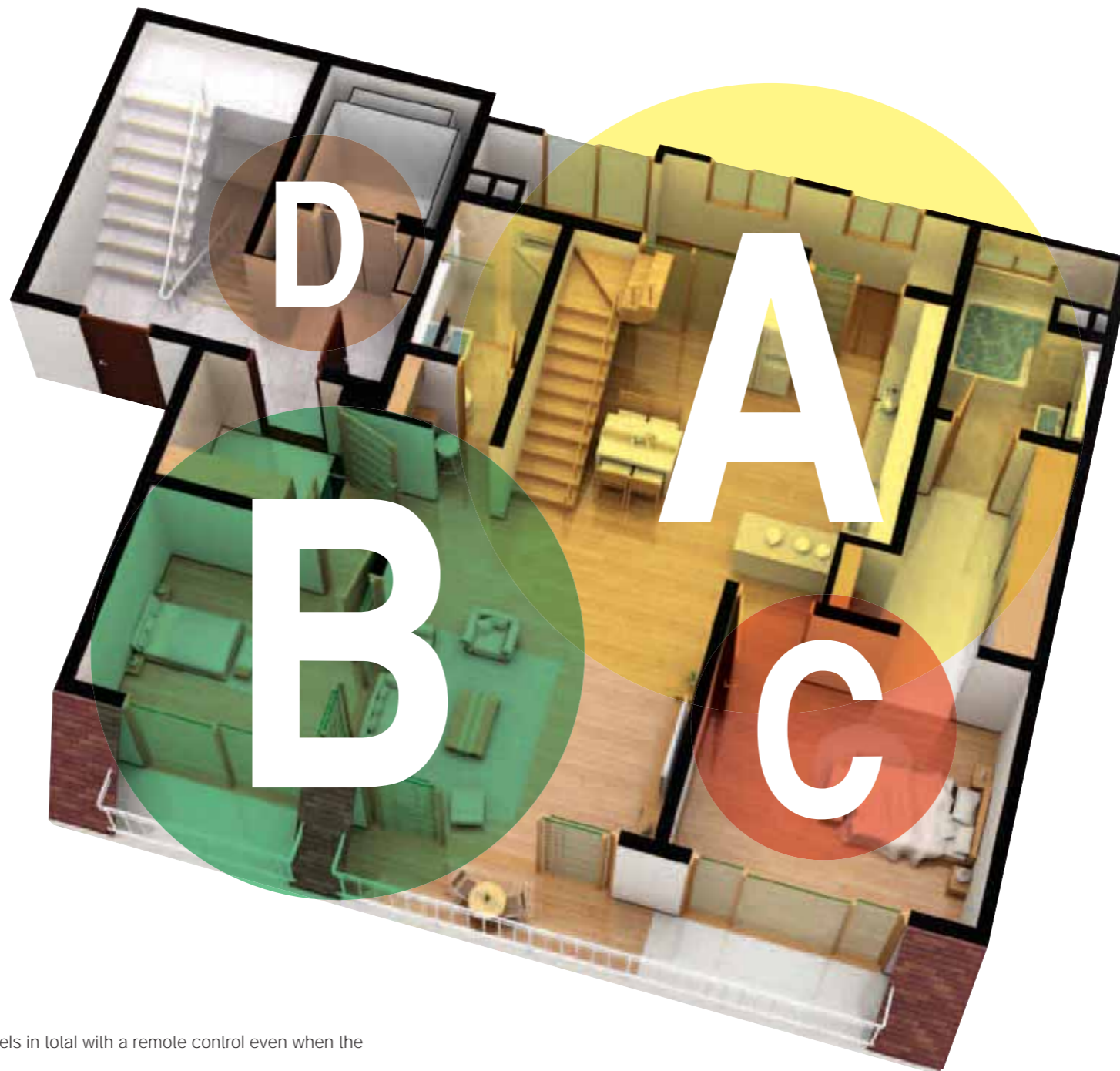
CCT - 5800K

---

## Freely Adjustable Color Temperature

Downlights based on next generation SMD chip differentiated from conventional downlights. 'ColoRex' is compound work of Color and Rex, which means you, can freely control the color. It can produce beautiful color in an instant from cool to warm color getting out of boring one single color downlights. It offers a new possibility to change colors of a light. It use excellent daylight white color for reading a text when studying and it adds warmth to the dishes by setting bulb when taking a meal. Of course, depending on the atmosphere, it can mix and blend the day white color with warm bulb color.



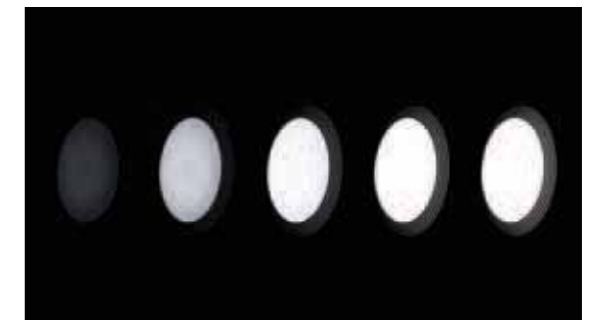


**Channel Control**

- You can do wireless control over 400 lighting fixtures of 4 channels in total with a remote control even when the existing light power switch has one channel only.
- It is easy to install as there is no restriction in lighting capacity.
- You can use immediately without cumbersome wiring works even when you replaced an existing compatible 2.4GHz wireless control lighting fixture with a new compatible 2.4GHz wireless control lighting fixture.

**Brightness and Color Temperature Control**

- Hold the remote control in your hand, press the button a few times then you can easily handle illumination and color temperature fast to reflect the situation.
- You can adjust the brightness and color temperature of the downlights to suit the situation according to their lifestyle such as sleeping, outing, and working. It is easy to use as it simply fixes the brightness with the support of stepless adjustment.



**Quick Change**

- You can operate three different color temperature (3000K / 4500K / 5800K) quickly by using a quick change button of the remote control.



**Multiple Remote Controls**

- You can set the lighting to various other channel with multiple remote controls, which maximizes flexibility in lighting control.
- You can turn on and off the light with the existing power switch when you lost the remote control. In case of a ColoRex light, the color temperature changes in sequence whenever you turn on the power switch.



50mm

### 50mm, a Small But Powerful Giant

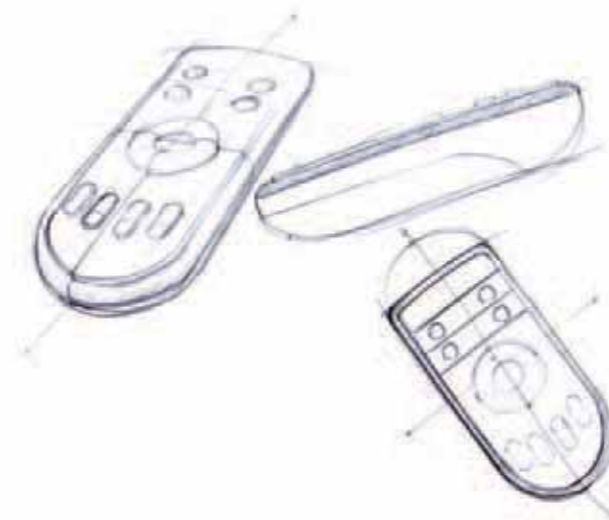
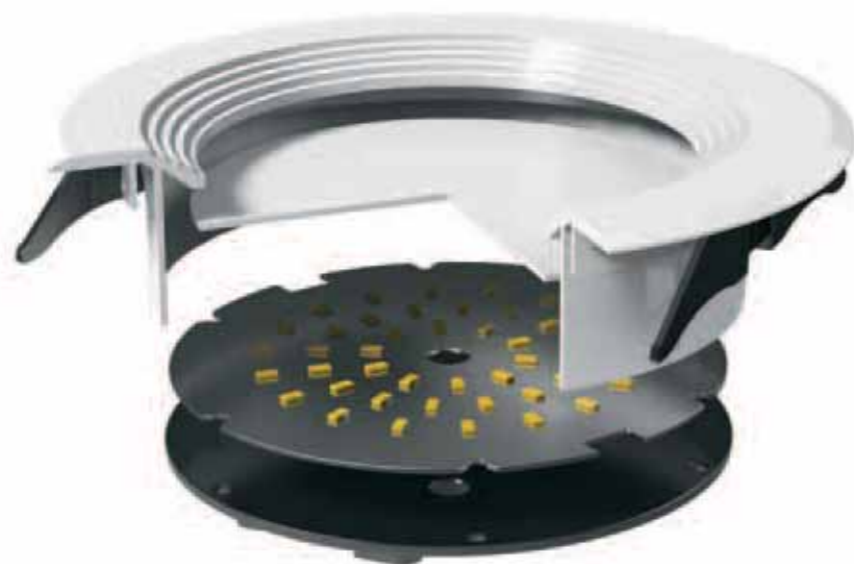
The new ColoRex downlight is designed not to restrict the free imagination from the front line construction site. Key is only just 50mm, but strong light intensity emitted from the SMD type LED chips will deliver enough light to all spaces. If together with the shape and ColorRex can be applied to any room put your worries aside, the only illumination arrangement if spilled force.

## ColoRex / MonoRex Round Recessed Downlight

Power Consumption - 7W  
 Dimensions - Ø125xH50mm  
 Hole Size - Ø110mm  
 CCT - 3000K / 4000K / 6000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - CFL 18W  
 Input - AC100-240V 50-60Hz

Power Consumption - 12W  
 Dimensions - Ø175xH50mm  
 Hole Size - Ø150mm  
 CCT - 3000K / 4000K / 6000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26W  
 Input - AC100-240V 50-60Hz

Power Consumption - 30W  
 Dimensions - Ø226xH50mm  
 Hole Size - Ø210mm  
 CCT - 3000K / 4000K / 6000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - HQI 100W  
 Input - AC100-240V 50-60Hz



### 100 or 400

If you think the lighting scalability the bottom line is ColoRex is due to consider the lighting fixtures to be added in the future was important to reflect on the basic design. Zigbee methods are via 2.4GHz wireless communication module embraces dedicated SMPS flexible light intensity and color temperature control capability over obstacles. 100 on channel one, designed to be both at the same time to connect 400 to control the lighting.

| 02

Panel Light  
Flat

Cygnus





# ColoRex Flat

Edge type panel light has a thickness of a finger Flat series. You will be glad to meet shiny and slim Flat series that does not have a glare when you have to hide light source behind the diffuser and become bored of the light that looks flat. Flat is an excellent solution for those who want to wipe the harsh light in the eyes.

The sleek and modern product passes a light uniform from the corner through the middle as it contains a high precision light guide plate in the lighting fixture. In addition, it has lighter weight and thin waist as to install anywhere without worry with an excellent workability. The side is tightly sealed to prevented dust particles and insects, etc. from entering into the lighting fixture. Another thing to be proud of is a beautiful and soft shadows that does not make dizzy overlap seen in the direct down light type of lighting.



**Flat**  
Power Consumption - 18W  
Dimensions - W310×D310×H12mm  
CCT - 4000K / 6000K / Color Changeable  
Dimmer - TRIAC / 2.4GHz  
Replacement - FL 40W  
Input - AC100-240V 50-60Hz

**Flat**  
Power Consumption - 24W  
Dimensions - W610×D310×H12mm  
CCT - 4000K / 6000K / Color Changeable  
Dimmer - TRIAC / 2.4GHz  
Replacement - FL 40W×2  
Input - AC100-240V 50-60Hz

**Flat**  
Power Consumption - 45W  
Dimensions - W1220×D310×H12mm  
CCT - 4000K / 6000K / Color Changeable  
Dimmer - TRIAC / 2.4GHz  
Replacement - FL 40W×4  
Input - AC100-240V 50-60Hz

**Flat**  
Power Consumption - 45W  
Dimensions - W610×D610×H12mm  
CCT - 4000K / 6000K / Color Changeable  
Dimmer - TRIAC / 2.4GHz  
Replacement - FL 40W×4  
Input - AC100-240V 50-60Hz



RS Global  
Seoul  
South Korea  
Flat Panel light 1200x300mm 45W



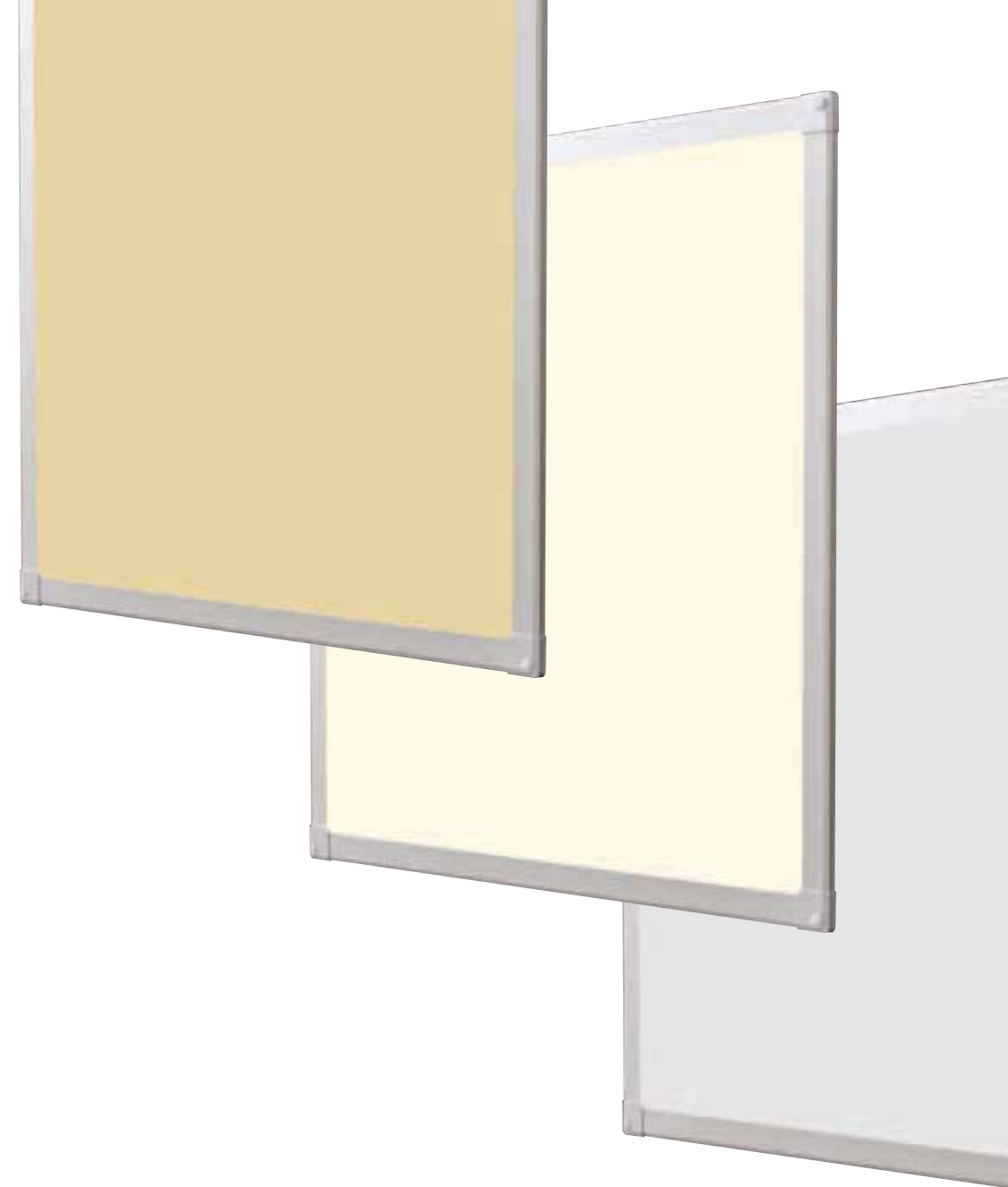
## Bracket Fixed Systems

It is light as it is bracket system and can be placed in harmony with any place. The bracket fixture has functionality on top of the convenience.



## 12mm, RGB Control Advantages of Next Generation Edge Type Panel Light

- Free selection of 3000K~5800K color temperature with ColoRex technology.
- 2.4GHz wireless control technology made it possible to do dimming and control of color temperature at will.
- A large metal heatsink wrapping the back of lighting fixture promises a very fast heat dissipation.
- Unique high precision laser processing of the light guide plate of CG lighting.
- Light guide plate pattern ensures a uniform light quality all around the space.
- Ultra slim aluminum bezel frame gives elegant finish.



## Flat with ColoRex Technology

Flat panel lights, born with ColoRex Technology, is a high quality lighting that emits the correct color temperature and fine quality light. It has been designed to implement best performance for the customer to live in the best possible condition. It suppress glare at the lowest so you can focus on the job and you can controls the color temperature at will, depending on individual sensitivity. Flat panel lights with ColoRex is also equipped with convenience that can bring a desired state into reality with remote control at the distance of several tens of meters.

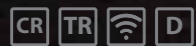
- Controls color temperature freely from warm white to cool white at the range of 3000K~5800K.
- Match the illumination light to the mood and emotional rhythm.
- Full support for wired and wireless dimming.
- Presents new lighting effects in a variety of places, commercial space, office, residential space, etc.
- Available for 3 steps control of color temperature and stepless adjustment.

|   |   |   |
|---|---|---|
| <p><b>Cygnus</b><br/>         Power Consumption - 24W<br/>         Dimensions - Ø415xH100mm<br/>         CCT - Color Changeable<br/>         Dimmer - TRIAC / 2.4GHz<br/>         Replacement - FPL 24Wx2<br/>         Input - AC100-240V 50-60Hz</p> | <p><b>Cygnus</b><br/>         Power Consumption - 36W<br/>         Dimensions - Ø480xH100mm<br/>         CCT - Color Changeable<br/>         Dimmer - TRIAC / 2.4GHz<br/>         Replacement - FPL 36Wx2<br/>         Input - AC100-240V 50-60Hz</p> | <p><b>Cygnus</b><br/>         Power Consumption - 45W<br/>         Dimensions - Ø580xH100mm<br/>         CCT - Color Changeable<br/>         Dimmer - TRIAC / 2.4GHz<br/>         Replacement - FPL 36Wx3<br/>         Input - AC100-240V 50-60Hz</p> |
| ○ ● ●   | ○ ● ●   | ○ ● ●   |



## ColoRex Cygnus

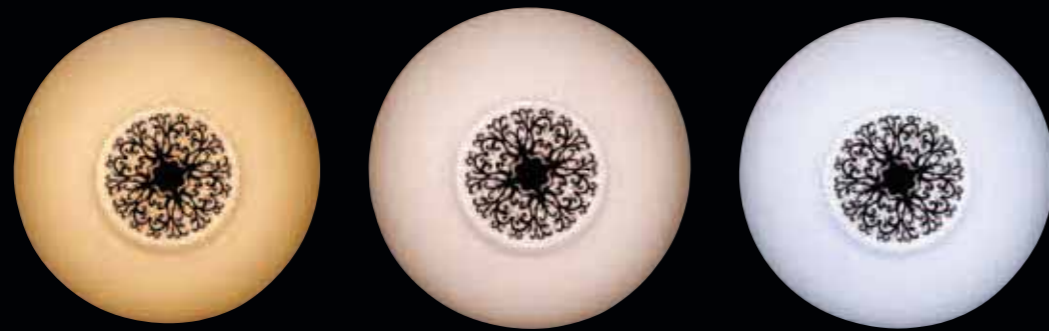
Lighting fixture is developing by adding a beauty on the base of users' personality and convenience. Cygnus is a lighting fixture restricting decorative elements while emphasizing plain elements to use in the living space. The unique and stylish design is completed demonstrating practical elements and skipping unwanted parts boldly. In terms of technical side, it can also import warm or cool light depending on your sensitivity by applying ColoRex that can change the color temperature. The diffuser, in front of the light, emits portion to protect from moisture and dirt, and diffuses the light gently.



---

## Cygnus Can Adjust the Color Temperature

Cygnus room light can adjust the color temperature freely and dramatically with dual high precision SMD chip. It brings you a unique experience of producing the space with a light depending on the situation. Radio controlled dimmers can easily control the intensity of the light with quick response. Emitting part dissipate a sufficient amount of light which makes you enjoy the comfort of a light. Cygnus will breath new life into the space with its charm hard to fathom.



---

## Advantages of Next Generation

- Free selection of 3000K-5800K color temperature with ColoRex technology.
- 2.4GHz wireless control technology made it possible to do dimming and control of color temperature at will.
- A large metal heat sink wrapping the back of lighting fixture promises a very fast heat dissipation.
- Direct type downlight boasts a superb optical efficiency.
- It has a neat design applying the simple cover.

---

## Cygnus with ColoRex Technology

Cygnus is born with ColoRex technology to be a high quality lighting that emits the correct color temperature and fine light quality. It is designed for best performance for the customers to live in the best conditions.

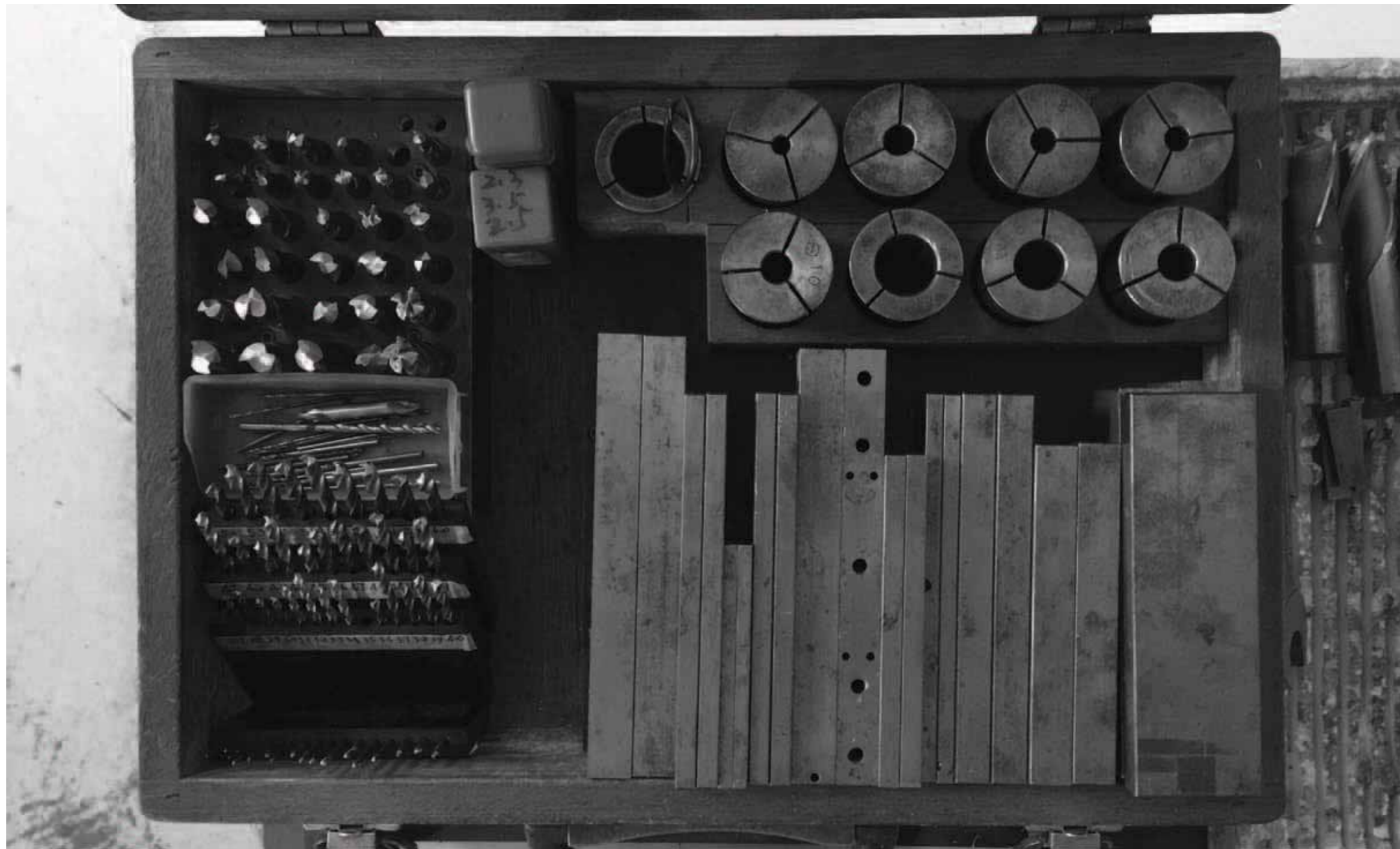
It realized free control of the color temperature depending on the individual sensitivity. Cygnus, with ColoRex Technology, is convenient as it can call up the desired state into reality with a single remote control at the distance of tens of meters.

- Free to adjust the color temperature from warm white to cool white in the range of 3000K-5800K.
- Match the illumination light to the mood and emotional rhythm.
- Full support for wired and wireless dimming.
- Presents new lighting effects in a variety of places; commercial space, office, residential space, etc.
- Available for 3 steps control of color temperature and stepless adjustment.



| 03

Applications  
Peanuts  
Pancake  
Mania



Drilling Machine



---

Blue Sky Hotel  
Ulaanbaatar  
Mongolia  
Peanuts, Pancake Pendant light



**Peanuts Egg**  
 Power Consumption - 5W  
 Dimensions - Ø150xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FPX 13W  
 Input - AC100-240V 50-60Hz



**Peanuts Egg**  
 Power Consumption - 10W  
 Dimensions - Ø190xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26W  
 Input - AC100-240V 50-60Hz



**Peanuts Egg**  
 Power Consumption - 20W  
 Dimensions - Ø250xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx2  
 Input - AC100-240V 50-60Hz



**Peanuts Egg**  
 Power Consumption - 20Wx3  
 Dimensions - W800xD150xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx6  
 Input - AC100-240V 50-60Hz



**Peanuts Egg**  
 Power Consumption - 5Wx1 + 7Wx3  
 Dimensions - Ø580xH Adjustable  
 CCT - 3000K / 5000K / 6000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FPX 13W + Halogen 35W  
 Input - AC100-240V 50-60Hz



**Peanuts Egg**  
 Power Consumption - 20Wx2 + 10Wx2 + 5Wx2 + 3Wx3  
 Dimensions - Ø600xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx4 + FDX 26Wx2 + FPX 13Wx2 + FPL 6Wx3  
 Input - AC100-240V 50-60Hz



## Peanuts

Peanuts are pendant type downlight system which contains Egg and Pineapple downlight. It looks modern and stylish finishing the surface with metal. Elliptic curve body structure reminiscent of peanuts gives a feel of comfort and the bent wire that acts as a necklace pendant line connected with exquisite ceiling downlight makes a harmony with the space creating an understated line and beauty that cannot be found in the existing downlight.



**Peanuts Egg**  
 Power Consumption - 20Wx2  
 Dimensions - W600xD150xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx4  
 Input - AC100-240V 50-60Hz



**Peanuts Egg**  
 Power Consumption - 5Wx1 + 7Wx3  
 Dimensions - Ø580xH Adjustable  
 CCT - 3000K / 5000K / 6000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FPX 13W + Halogen 35W  
 Input - AC100-240V 50-60Hz





# Pancake

The layers of stacked pancakes' shape inspired to pierce a square metal plate and embed a circular type downlight. Open structure easily dissipate heat. Minimalist body and metal finishing expose clean image and goes well with the rooms. Seven kinds of body colors are ready for wider choice: silver, black. The smooth mind painted product surface will permeate the luxury look.



**Pancake Egg**  
 Power Consumption - 20Wx2  
 Dimensions - W650xD300xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx4  
 Input - AC100-240V 50-60Hz



**Pancake SMDMax**  
 Power Consumption - 20Wx3  
 Dimensions - W850xD300xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx6  
 Input - AC100-240V 50-60Hz



**Pancake Egg**  
 Power Consumption - 20Wx3  
 Dimensions - W850xD300xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx6  
 Input - AC100-240V 50-60Hz



**Pancake SMDMax**  
 Power Consumption - 20Wx2  
 Dimensions - W650xD300xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx4  
 Input - AC100-240V 50-60Hz



**Pancake Egg**  
 Power Consumption - 20Wx4 + 5W  
 Dimensions - W700xD700xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx8 + FPX 13W  
 Input - AC100-240V 50-60Hz



**Pancake SMDMax**  
 Power Consumption - 20Wx4 + 5W  
 Dimensions - W700xD700xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - FDX 26Wx8 + FPX 13W  
 Input - AC100-240V 50-60Hz





**Mania**  
 Power Consumption - 40Wx2  
 Dimensions - W840xD430xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Input - AC100-240V 50-60Hz



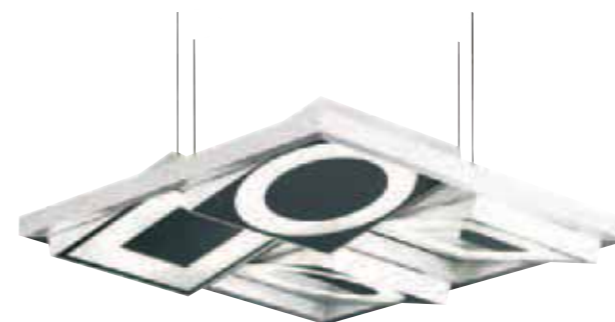
**Mania**  
 Power Consumption - 40Wx6  
 Dimensions - W1200xD840xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Input - AC100-240V 50-60Hz



**Mania**  
 Power Consumption - 40W  
 Dimensions - W430xD430xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Input - AC100-240V 50-60Hz



**Mania**  
 Power Consumption - 40Wx3  
 Dimensions - W1,200xD430xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Input - AC100-240V 50-60Hz



**Mania**  
 Power Consumption - 40Wx4  
 Dimensions - W840xD840xH Adjustable  
 CCT - 3000K / 5000K / Color Changeable  
 Dimmer - TRIAC / 2.4GHz  
 Input - AC100-240V 50-60Hz

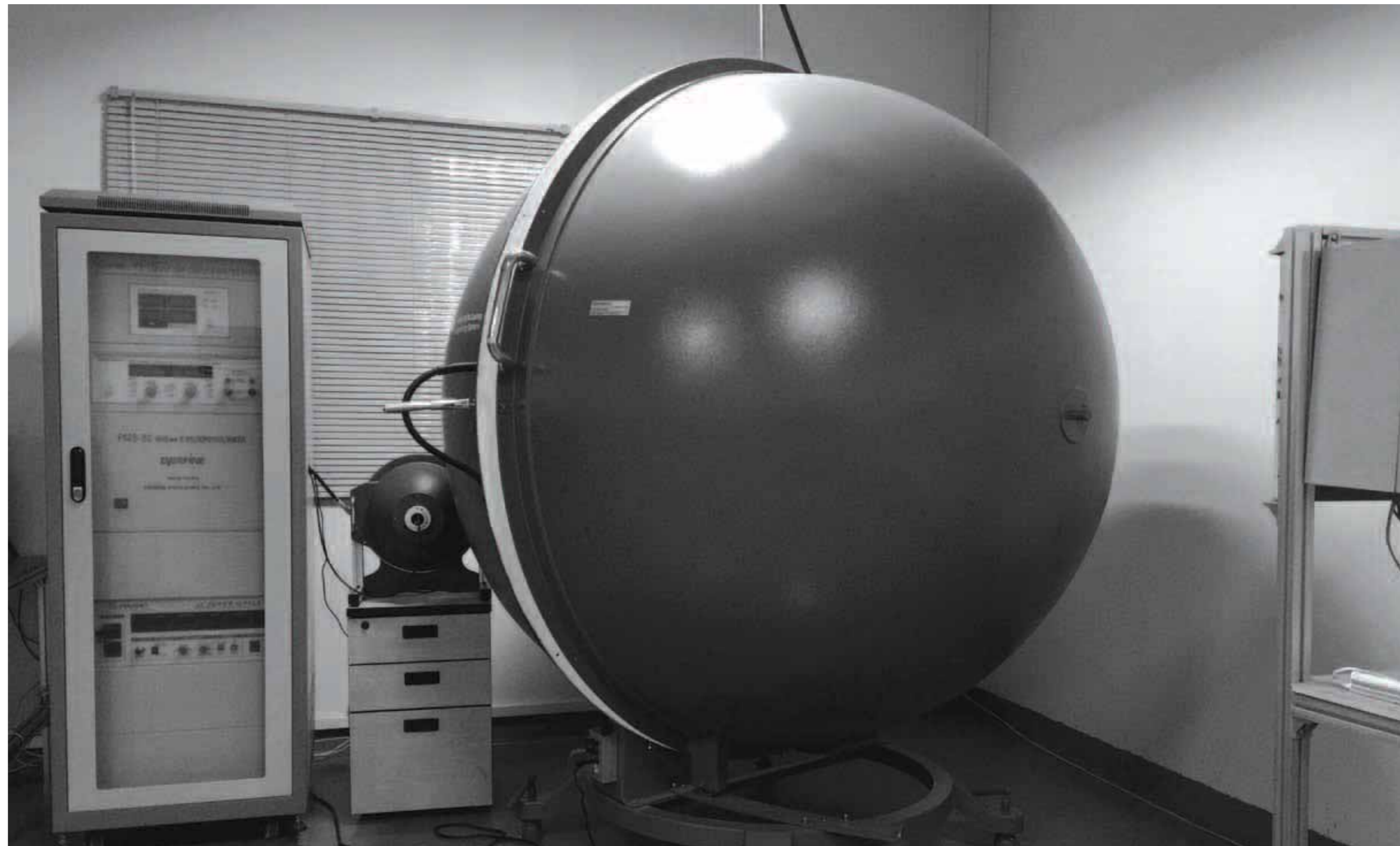


## Mania

Mania created a beautiful outline applying a silver metal frame. It achieved a streamlined edge structure utilizing all the processing technology available in reality and maximized sharp feel of metal texture over the side line. It expressed the harmony between shapes placing the glass circle to fit in restrained straight line. Each separate frame structure adjustable freely to a desired angle according to user's preference controls illumination angle with flexibility. In one, depending on the quantity circular lamp is inserted up to six varying intensity and expression is another attraction of enthusiasts.

104

Special  
Finland  
Multiple  
Norway  
Leon  
Elbow  
Free  
PAR30  
MR16  
Q4  
Big Eye



---

## Finland

### Emphasize Simplicity in the Space Under the Light

Finland series emphasize simplicity in the space under the light and lit and illumination angle designed with thorough calculation infuses vitality by giving the space lighting a specific point bright. Using a light head which can be manipulated easily, it sheds right amount of light on a precise location. Technically, the optical design combined with an excellent thermal management system, increased energy efficiency remarkably. Judging only by appearances, Finland series was built in a deep concern and handcrafts of engineers to finish with sophisticated touch. It is a reliable lighting solution that delivers outstanding performance at an affordable price.

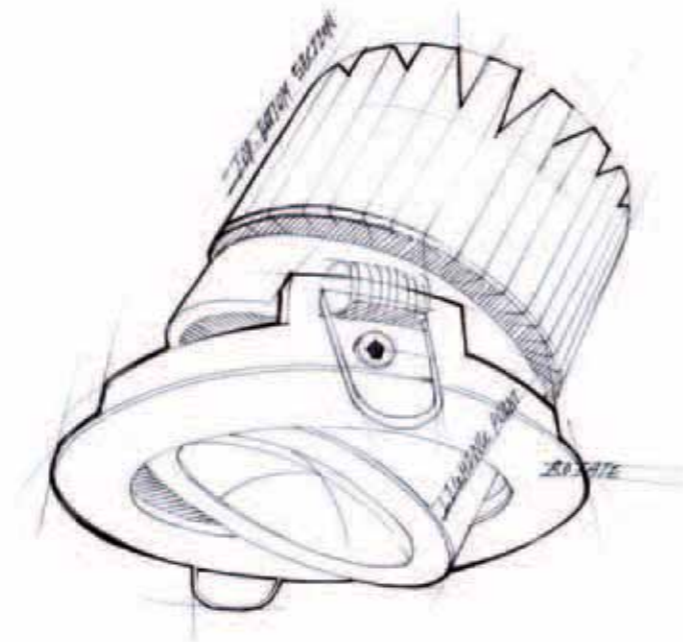




Cherry Hotel  
Seoul  
South Korea  
Finland Downlight 15W, 22W

## Finland 3D Images

Finland is carefully designed by a computer to make a highest performance even turned on just for a few minutes. This amazingly precise lighting will be sufficient to serve as a light that blow with vigor and energy in our daily lives. If you experience any moment the light emitted from Finland, it will be a chance to realize the beauty of a light. It has been made completely with the support of high technology such as radio-controlled dimming added to the basic quality of energy efficiency and elegance. Heat dissipation structure designed by a computer towering like a European castle will keep the lighting fixture safe from the heat generated by the light emitting unit.



## Finland N1 / N2 Round Type Recessed Downlight



Finland N series has been designed primarily with the reflector pattern used in the Nordic region. It was set for a generous amount of light that can be used anywhere in the rich light and the aluminum body ensures durability and heat dissipation. It is a wise decision to choose Finland N series if you need abundant light. Elegant appearance harmonious with the technology is another attraction of the Finland N series.



**Finland N1**  
Power Consumption - 32W  
Dimensions - Ø165×H143mm  
Hole Size - Ø155mm  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 250W  
Input - AC220-240V 50-60Hz

**Finland N1**  
Power Consumption - 42W  
Dimensions - Ø165×H153mm  
Hole Size - Ø155mm  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 350W  
Input - AC220-240V 50-60Hz



**Finland N2**  
Power Consumption - 32W  
Dimensions - Ø165×H130mm  
Hole Size - Ø155mm  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 250W  
Input - AC220-240V 50-60Hz

**Finland N2**  
Power Consumption - 42W  
Dimensions - Ø165×H140mm  
Hole Size - Ø155mm  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 350W  
Input - AC220-240V 50-60Hz

## Finland Round Type Recessed Downlight

Simple and elegant accent downlight, Finland round type recessed downlight. It takes the role of highlighting the point to express in the space. The surface is finished in white color becoming to a modern atmosphere and support a wide range of light intensity. Try to install Finland round type recessed downlight in the ceiling, all things are coming in at a glance, clearly, and you can express the space as you desired.



**Finland**  
Power Consumption - 8W  
Dimensions - Ø85×H69mm  
Hole Size - Ø75mm  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 65W  
Input - AC220-240V 50-60Hz

**Finland**  
Power Consumption - 15W  
Dimensions - Ø85×H85mm  
Hole Size - Ø75mm  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 120W  
Input - AC220-240V 50-60Hz

**Finland**  
Power Consumption - 22W  
Dimensions - Ø105×H110mm  
Hole Size - Ø90mm  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 180W  
Input - AC220-240V 50-60Hz



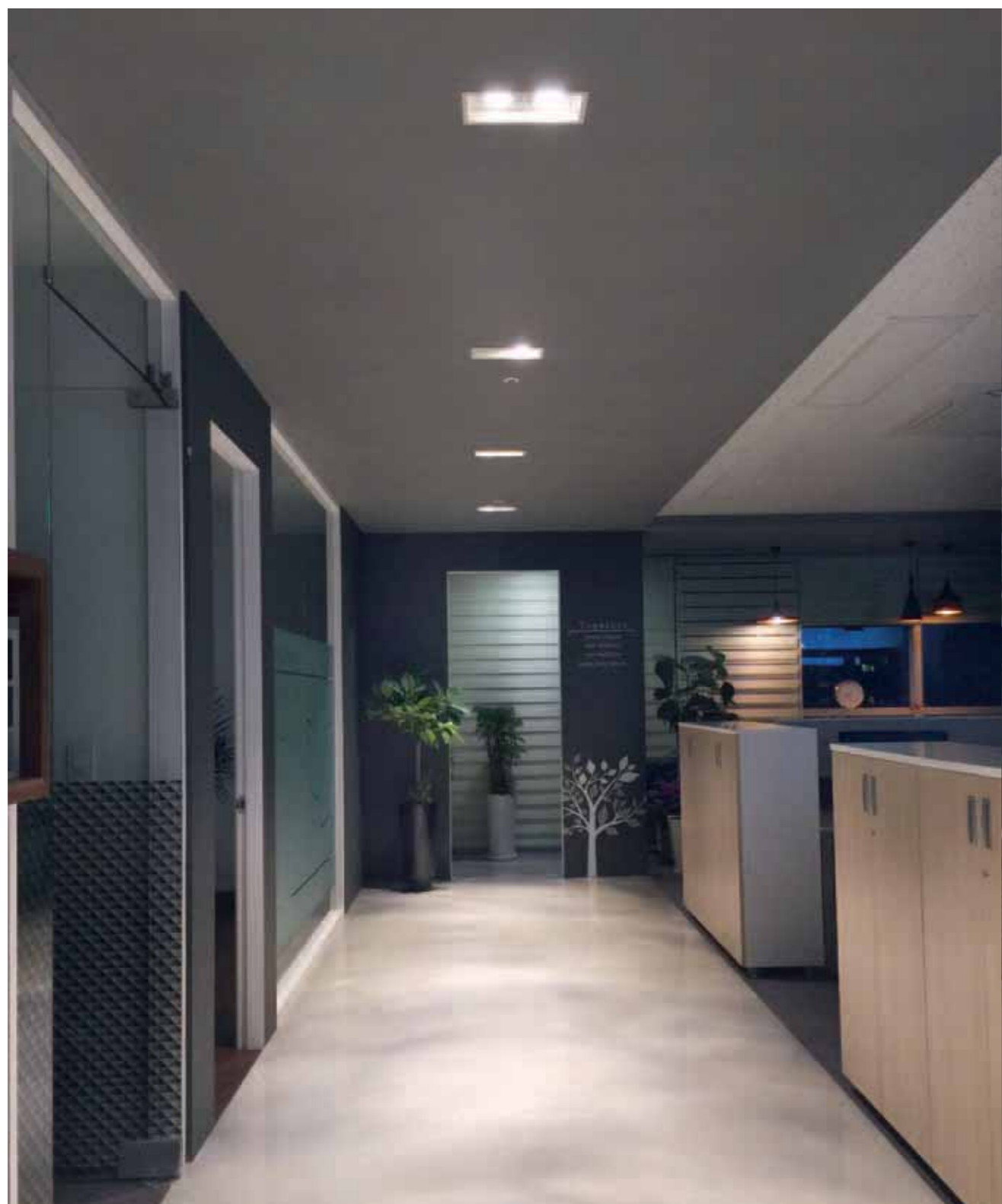
**Finland**  
Power Consumption - 22W  
Dimensions - W130×D130×H130mm  
Hole Size - Ø115×115mm  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 180W  
Input - AC220-240V 50-60Hz

## Finland Square Type Recessed Downlight

Finland square type recessed downlight has a modern square shape and easy to install anywhere in a simple structure. The head of the lighting fixture with free angle helps you easily organize your light. In addition, a clean light without distraction is more comfortable and help you express your own personality. Synonymous with high quality lighting that can add value to the installation site is Finland square type recessed downlight.



**Finland**  
Power Consumption - 22Wx2  
Dimensions - W260×D130×H130mm  
Hole Size - Ø245×115mm  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 180Wx2  
Input - AC220-240V 50-60Hz



RS Global  
Seoul  
South Korea  
Finland Downlight 22Wx2



Park Blenheim  
Gyeonggi Province  
South Korea  
Finland Downlight 28Wx2





**Finland**  
 Power Consumption - 28Wx2  
 Dimensions - W280-D140-H110mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 220Wx2  
 Input - AC220-240V 50-60Hz



## Finland Square Type Direct Mounting Downlight

The lighting fixture must be beautiful. Structured in two fold create another space inside to make three dimensional shapes that attract eye sight. An unprecedented Finland square type direct mounting downlight sets a new standard for lighting design. Simply install and your mind will be relaxed, full of fun, and as it can freely be attached to the wall or ceiling, it helps you to produce a dreamy light. Now you can decorate your room with this beautiful lamp to your own feelings.

**Finland**  
 Power Consumption - 28W  
 Dimensions - W140-D140-H167mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 220W  
 Input - AC220-240V 50-60Hz



## Finland Round Type Exposed Downlight

If you are looking for a beautiful yet practical lighting fixture, Finland round type exposed downlight will be the right decision. Aluminum body multiplies the luxury touch and extended the structural perfection. Finland round type exposed downlight guarantee easy installation of fixing directing on the wall and the head of the lighting fixture can transfer the light freely from the right to the left. You can clean up the space and give a change simply with the lighting fixture even it gets complicated as things piles up along with the time that passed by.



**Finland**  
 Power Consumption - 28W  
 Dimensions - W140-D140-H110mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 220W  
 Input - AC220-240V 50-60Hz



**Finland**  
 Power Consumption - 28Wx2  
 Dimensions - W280-D140-H167mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 220Wx2  
 Input - AC220-240V 50-60Hz





## Multiple

Dual embedded downlight, Multiple is characterized by concise line and precision metallic feel of the material. The key of Multiple is that it can interpret a space in new way by moving the light as you want as the lighting angle is freely adjustable in several directions, through which you may be able to experience an incredibly wide range of lighting effects unfolding in front of your eyes. The seams should be carefully handled one by one mobilizing the highest level of precision machining technology to move the light so smoothly. Do not miss a chance to experience Multiple, the blend of innovative design and advanced technologies.



**Multiple**  
Power Consumption - 28Wx2  
Dimensions - W300xD170xH153  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 220Wx2  
Input - AC220-240V 50-60Hz



**Multiple**  
Power Consumption - 28W  
Dimensions - W170xD170xH153  
CCT - 3000K / 4000K / 5000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 220W  
Input - AC220-240V 50-60Hz



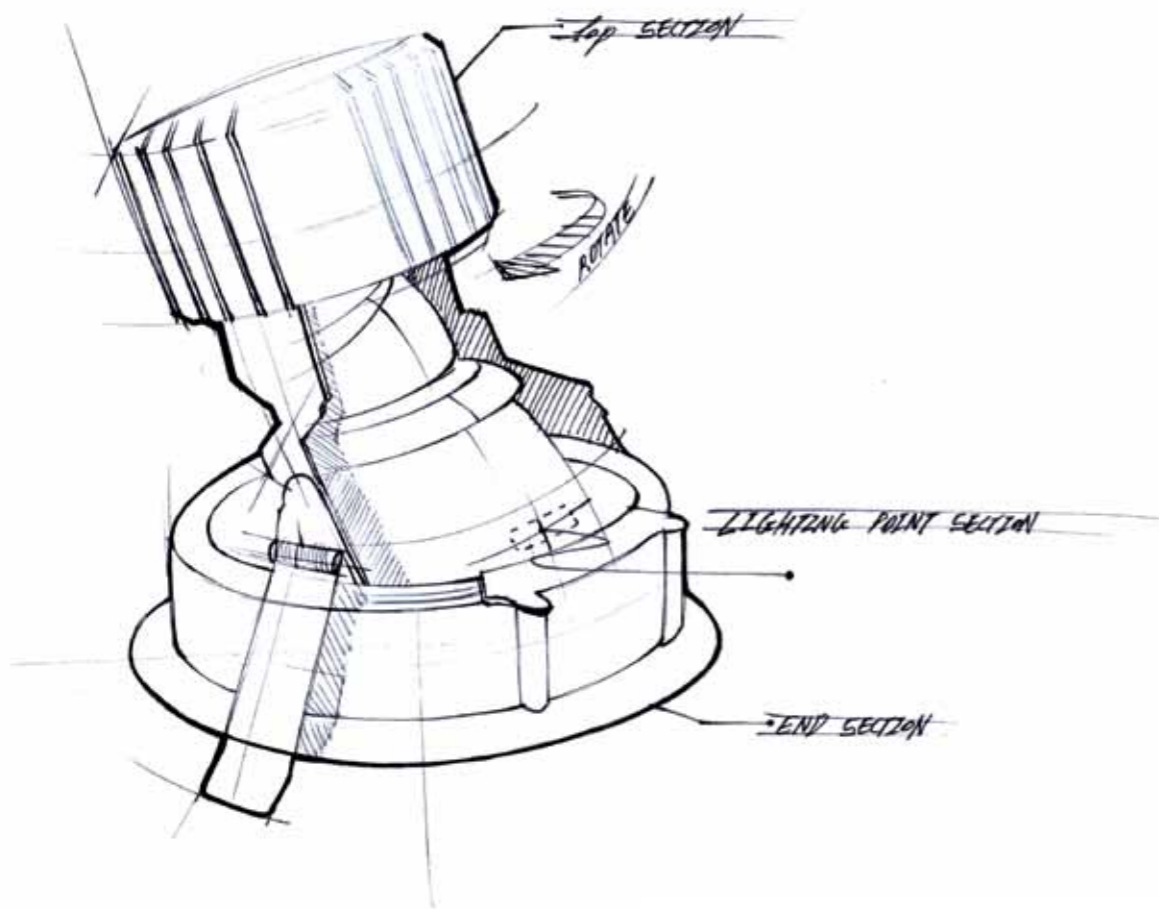


---

## Norway

### Heat sink Structure that is Reminiscent of the Dark blue Norwegian Forest

CDM (Ceramic Discharge Metal halide) traditional lighting that has been in a place for a long time where the highest quality products are. CDM lighting is hot, and provides a cause discoloration by generating ultraviolet, severe color variation was accompanied. Norway series will cool down heat quickly like cold weather in northern European weather with aluminum heat sink structure that is reminiscent of the dark blue Norwegian forest. The temperature is kept less than a third compared to the CDM to give exactly the original color with precious goods and helps to keep the feeling felt at the first time as the color temperature deviation is less. Norway series save 40% of electric cost flowing out of pocket and have you save operation of air conditioning.



## Norway N1 / N2 Round Type Recessed Downlight

NEW  
42W

Norway N series shows clearly a totally new concept and design that beats any other lighting fixture that exist so far. When COB chip hidden in the Norway N series that looks like egg yolks lights up, you can find why it is called "the most beautiful lights in the world". We are confident that Norway is the best in every aspect such as light quality, radiation, color rendering, etc.



| Norway N1                   | Norway N1                   | Norway N1                   |
|-----------------------------|-----------------------------|-----------------------------|
| Power Consumption - 22W     | Power Consumption - 32W     | Power Consumption - 42W     |
| Dimensions - Ø130xH125mm    | Dimensions - Ø155xH134mm    | Dimensions - Ø155xH155mm    |
| Hole Size - Ø120mm          | Hole Size - Ø145mm          | Hole Size - Ø145mm          |
| CCT - 3000K / 4000K / 5000K | CCT - 3000K / 4000K / 5000K | CCT - 3000K / 4000K / 5000K |
| Dimmer - TRIAC / 2.4GHz     | Dimmer - TRIAC / 2.4GHz     | Dimmer - TRIAC / 2.4GHz     |
| Replacement - Halogen 180W  | Replacement - Halogen 250W  | Replacement - Halogen 350W  |
| Input - AC220-240V 50-60Hz  | Input - AC220-240V 50-60Hz  | Input - AC220-240V 50-60Hz  |

## Norway 3D Images

Norway has been made out of computer simulation of every situation you can imagine. The lighting fixture that is made for a special place presents attractive experience and a high quality light, which can satisfy the user. In particular, the heatsink and the light emitting part structure was created by thorough calculations maximizes the steady lighting effects for a long time. Norway installed on the ceiling means comfortable, cozy place.



| Norway N2                   | Norway N2                   | Norway N2                   |
|-----------------------------|-----------------------------|-----------------------------|
| Power Consumption - 22W     | Power Consumption - 32W     | Power Consumption - 42W     |
| Dimensions - Ø130xH142mm    | Dimensions - Ø155xH154mm    | Dimensions - Ø155xH173mm    |
| Hole Size - Ø120mm          | Hole Size - Ø145mm          | Hole Size - Ø145mm          |
| CCT - 3000K / 4000K / 5000K | CCT - 3000K / 4000K / 5000K | CCT - 3000K / 4000K / 5000K |
| Dimmer - TRIAC / 2.4GHz     | Dimmer - TRIAC / 2.4GHz     | Dimmer - TRIAC / 2.4GHz     |
| Replacement - Halogen 180W  | Replacement - Halogen 250W  | Replacement - Halogen 350W  |
| Input - AC220-240V 50-60Hz  | Input - AC220-240V 50-60Hz  | Input - AC220-240V 50-60Hz  |



Park Blenheim  
Gyeonggi Province  
South Korea  
Leon Downlight 7W

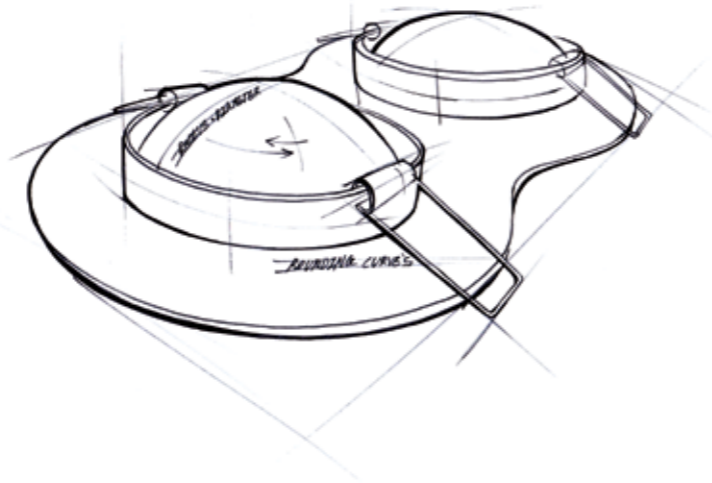
# Leon

Inspired by the eye of a chameleon that can see things moving eyes 360 degrees in the state of fixing the body, this product was created. The lighting fixtures can illuminate objects anywhere, as the lighting head is free to rotate and easily send the light to the point you want.



It is designed to rotate freely, so that it can illuminate the entire space, while actively utilizing the curve images in the space. Leon series has been developed based on a sense of balance and moderate expression in the curve.

The modern and simple design can be adjusted vertically and horizontally at an angle of 90 degrees. The series is available in a wide range of illumination angles that is ideal for use in commercial spaces, galleries, and museums. It is also effective compared to conventional halogen lamps to save energy using LED and can be installed in the ceiling and walls of different kinds. Beautiful yellow light coming from the COB LED chip is one of the great features with this light.



**Leon**  
Power Consumption - 7W  
Dimensions - Ø120xH36mm  
Hole Size - Ø95  
CCT - 3000K / 6000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 60W  
Input - AC100-240V 50-60Hz



**Leon**  
Power Consumption - 7Wx2  
Dimensions - W220xD120xH36mm  
Hole Size - Ø95x2  
CCT - 3000K / 6000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 60Wx2  
Input - AC100-240V 50-60Hz



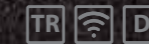


**Elbow**  
Power Consumption - 30W  
Dimensions - Ø190xH170mm  
Hole Size - Ø180mm  
CCT - 3000K / 6000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 250W  
Input - AC100-240V 50-60Hz



## Free

It is completed with reliable and high quality materials. Modern design is completed by arranging round type pattern on the outside of the head of the lighting fixture. New 'Free Angle' techniques have been applied to distribute the light as desired through smooth handling of the angle. It helps to discern the color exactly radiating a light close to natural light and the COB chips minimized glaring. Wing type support is convenient to fix the installation stable with only a few times operation.



**Free**  
Power Consumption - 7W  
Dimensions - Ø130xH80mm  
Hole Size - Ø110mm  
CCT - 3000K / 6000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 60W  
Input - AC100-240V 50-60Hz

## Elbow

Elbow round type recessed downlight, the steady sell of CG lighting, Slim and simple COB Chip brings a glamorous yet cozy lights. If you need a comfortable and cozy atmosphere, it will be a good choice than ever. Elbow which has freely adjustable angle adds personality to the style and delicate functionality. Simplifying the design elements as much as possible, it is in harmony with any space and faithfully performs its role.

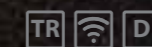




## PAR30 / MR16

If you want to bring some new energy to space CG lighting PAR30 and MR16 lamp light is a wise choice. Combination of a high precision reflector produced with carefully calculated angle of illumination with a high quality LED chip of compelling durability will shed light close to natural light providing comfortable space for everyone.

Compared with halogen lamps, it can save energy close to 90% and the life is close to 20 times. The difference between bright and dark parts is minimized to pass a light uniformly and it maintains high energy efficiency with no ultraviolet light. This is the reason why you have to choose CG lighting lamp light PAR30 and MR16.







**MR16 Corrugated Pattern**  
Power Consumption - 3W  
Dimensions - Ø120xH90mm  
Hole Size - Ø105mm  
CCT - 3000K / 6000K  
Replacement - Halogen 24W  
Input - AC100-240V 50-60Hz



**MR16 Size Accent Downlight**  
Power Consumption - 5W  
Dimensions - Ø86xH30mm  
Hole Size - Ø75mm  
CCT - 3000K / 6000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 40W  
Input - AC100-240V 50-60Hz



**Egg PAR30 Diffused**  
Power Consumption - 9W  
Dimensions - Ø95xH100mm  
CCT - 3000K / 6000K  
Dimmer - TRIAC  
Replacement - Halogen 70W  
Input - AC100-240V 50-60Hz



**Egg PAR30 Lensed**  
Power Consumption - 9W  
Dimensions - Ø95xH100mm  
CCT - 3000K / 6000K  
Dimmer - TRIAC  
Replacement - Halogen 70W  
Input - AC100-240V 50-60Hz



**MR16 GU5.3 Hard Reflector**  
Power Consumption - 3W  
Dimensions - Ø50xH58mm  
CCT - 3000K / 6000K  
Replacement - Halogen 24W  
Input - AC100-240V 50-60Hz



**MR8 Size Accent Downlight**  
Power Consumption - 3W  
Dimensions - Ø66xH35mm  
Hole Size - Ø55mm  
CCT - 3000K / 6000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - Halogen 24W  
Input - AC100-240V 50-60Hz



**Pineapple PAR30 Lensed**  
Power Consumption - 12W  
Dimensions - Ø95xH100mm  
CCT - 3000K / 6000K  
Dimmer - TRIAC  
Replacement - Halogen 100W  
Input - AC100-240V 50-60Hz



**MR16 GU10 Soft Reflector**  
Power Consumption - 3W  
Dimensions - Ø50xH70mm  
CCT - 3000K / 6000K  
Replacement - Halogen 24W  
Input - AC100-240V 50-60Hz



**MR16 GU10 Soft Reflector**  
Power Consumption - 3W  
Dimensions - Ø50xH70mm  
CCT - 3000K / 6000K  
Replacement - Halogen 24W  
Input - AC100-240V 50-60Hz

## Q4

The basic phrases that characterize a CG lighting floodlight is that you need to operate in a stable situation regardless of rain, hot, cloudy weather. Floodlight is a tool for communication illuminating products or a business sign in a commercial space. It is designed to adjust the lighting angle so freely, making it difficult to imagine other products that facilitate communication, while integrating with the space beyond the rule of reflecting light. It was a great adventure and a challenge in the design to emit intense light between 40-60W in a compact size but CG lighting could overcome by sophisticated computer design. Smaller than any other floodlighting, you may communicate with the space using a strong light.



**Q4**  
Power Consumption - 60W  
Dimensions - W230xD120xH100mm  
CCT - 3000K / 6000K  
Dimmer - TRIAC / 2.4GHz  
Replacement - HOI 300W  
Input - AC100-240V 50-60Hz

**Big Eye X1**

Power Consumption - 22W  
 Dimensions - W95xD213xH231mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 180W  
 Input - AC220-240V 50-60Hz

**Big Eye X1**

Power Consumption - 36W  
 Dimensions - W110xD213xH246mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 300W  
 Input - AC220-240V 50-60Hz

**Big Eye X1**

Power Consumption - 42W  
 Dimensions - W160xD108xH207mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 340W  
 Input - AC220-240V 50-60Hz

**Big Eye X4**

Power Consumption - 12W  
 Dimensions - W70xD195xH185mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 100W  
 Input - AC220-240V 50-60Hz

**Big Eye X4**

Power Consumption - 22W  
 Dimensions - W95xD213xH230mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 180W  
 Input - AC220-240V 50-60Hz

**Big Eye X4**

Power Consumption - 32W  
 Dimensions - W95xD213xH230mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 300W  
 Input - AC220-240V 50-60Hz

**Big Eye X4**

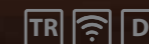
Power Consumption - 42W  
 Dimensions - W125xD213xH265mm  
 CCT - 3000K / 4000K / 5000K  
 Dimmer - TRIAC / 2.4GHz  
 Replacement - Halogen 340W  
 Input - AC220-240V 50-60Hz



# Big Eye

## It is an Innovative Lighting

Please witness the evolution of the real track lights with third generation Big Eye X series. It is an innovative lighting fixtures born to meet your sincere wish to have a product that requires precise light control while moving quickly and easily on rails. Innovative metal hood design and smoothly moving lighting head joint, soft light significantly reduced glare, heat dissipation structure without worrying overheating through thermal management. All of these requirements have been consolidated into a third generation X Series Big Eyes.



# | 05

Tube Light  
T5 / T8

Standing Light  
Crane A / B  
Nightingale  
Kiwi  
Goose  
Cobra



# ColoRex T5 / T8

## It is Comfortable for Eyes

T8, T5 tube type light widely used in many places. Tube light of CG lighting contains SMPS which means there is no hassle to install a separate SMPS. Volume is thin and weight is light although equipped with heat sink of superior cooling speed on the back. Integral heat sink of the LED tube light sometimes blocks the light causing a shaded area.

The heat sink used in CG lighting Tube Light is too small to be seen so it dissipates a light evenly like a fluorescent light without making shadow area. High-density LED package tightly jammed in the PCB gives a smooth and uniform light without interruption. You do not need to replace lighting fixture over at least 10 years if you light 8 hours a day as you can use for 30,000 hours once installed. The body is made of noncombustible plastic and lightweight aluminum material instead of glass to be safe against fire and any other accident. In addition, it is comfortable for eyes as it eliminated flicking like fluorescent lights.



**T5**  
Power Consumption - 4W  
Dimensions - W290xD22xH32mm  
CCT - 3000K / 4000K / 6000K / RGB  
Dimmer - TRIAC / 2.4GHz  
Input - AC100-277V 50-60Hz

**T5**  
Power Consumption - 8W  
Dimensions - W588xD22xH32mm  
CCT - 3000K / 4000K / 6000K / RGB  
Dimmer - TRIAC / 2.4GHz  
Input - AC100-277V 50-60Hz

**T5**  
Power Consumption - 12W  
Dimensions - W878xD22xH32mm  
CCT - 3000K / 4000K / 6000K / RGB  
Dimmer - TRIAC / 2.4GHz  
Input - AC100-277V 50-60Hz

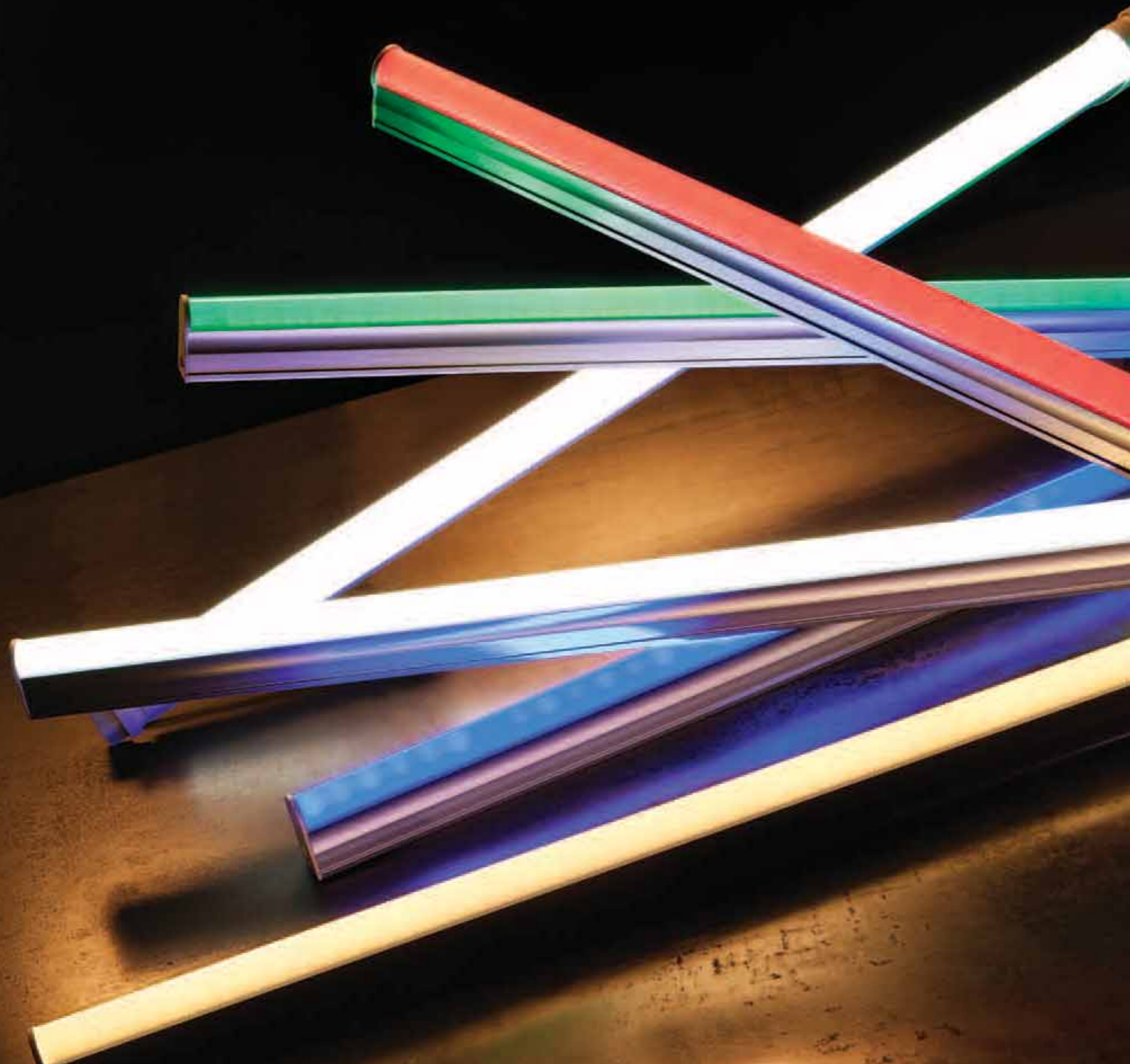
**T5**  
Power Consumption - 16W  
Dimensions - W1,168xD22xH32mm  
CCT - 3000K / 4000K / 6000K / RGB  
Dimmer - TRIAC / 2.4GHz  
Input - AC100-277V 50-60Hz

**T8**  
Power Consumption - 9W  
Dimensions - Ø26xW588mm  
CCT - 3000K / 6000K / RGB / Color Changeable  
Dimmer - TRIAC / 2.4GHz  
Input - AC100-277V 50-60Hz

**T8**  
Power Consumption - 13W  
Dimensions - Ø26xW894mm  
CCT - 3000K / 6000K / RGB / Color Changeable  
Dimmer - TRIAC / 2.4GHz  
Input - AC100-277V 50-60Hz

**T8**  
Power Consumption - 18W  
Dimensions - Ø26xW1,198mm  
CCT - 3000K / 6000K / RGB / Color Changeable  
Dimmer - TRIAC / 2.4GHz  
Input - AC100-277V 50-60Hz

**T8**  
Power Consumption - 22W  
Dimensions - Ø26xW1,198mm  
CCT - 3000K / 6000K / RGB / Color Changeable  
Dimmer - TRIAC / 2.4GHz  
Input - AC100-277V 50-60Hz





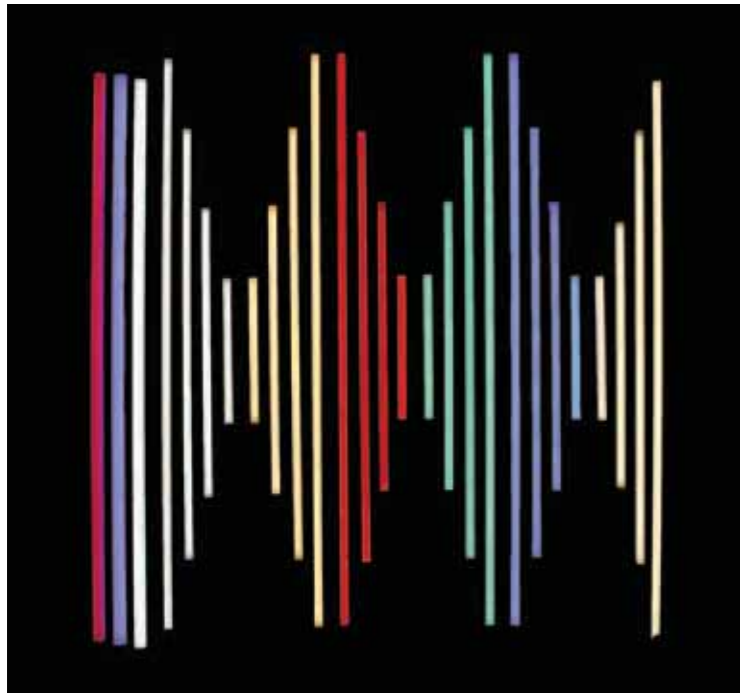
---

Taekwondowon  
Jeonbuk Province  
South Korea  
T5 1200mm 16W 4000K



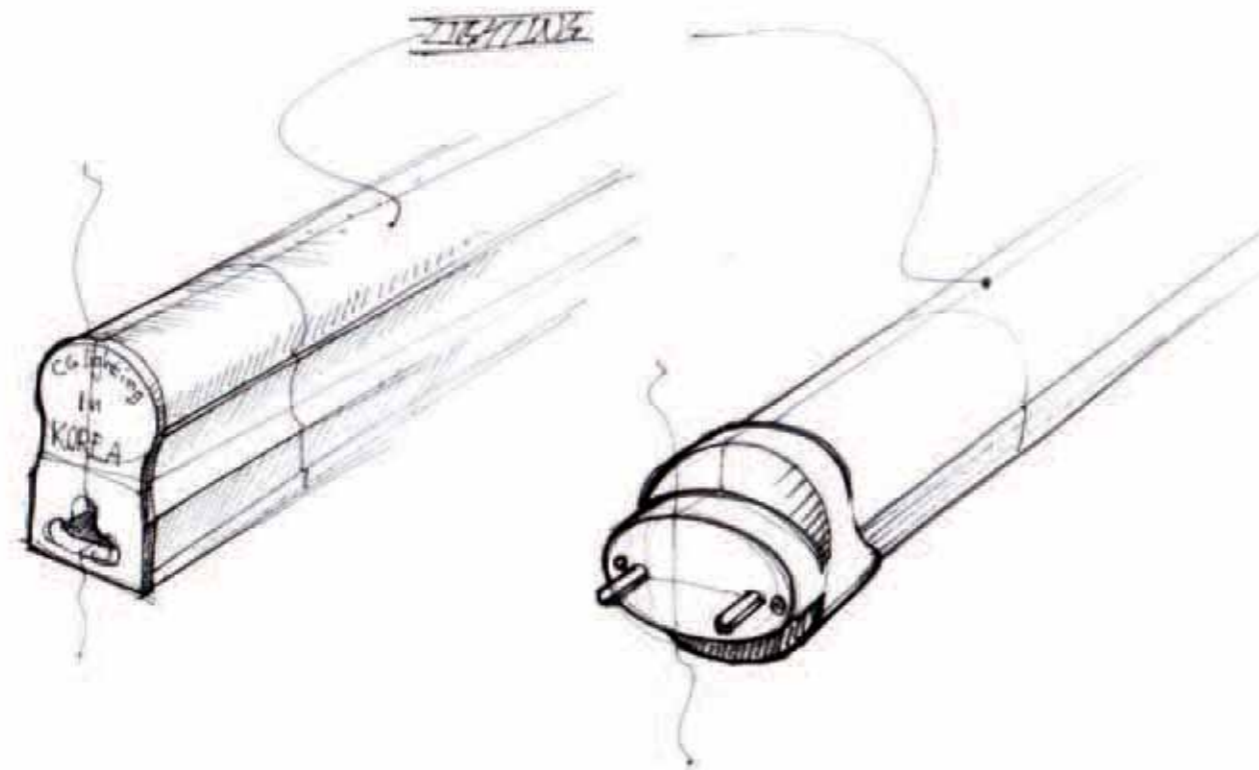
---

Ssangyong Platinum  
Seoul  
South Korea  
T5 1200mm 16W 4000K



## T5 Completed Smooth Line without Interruption

Concealed T5 tube light that performs a role as an indirect light has a task of lighting without interruption at the connection. CG lighting T5 extends light smoothly by reducing the connection noticeably in a design with ultra thin connection structure. You can finish your work easily without using a dedicated connector wiring when connecting a lighting fixture with another one. You can move the light in the desired direction through the bracket supplied in a set as the light angle is easily adjustable. High precision solid heatsink made of aluminum fully relieve worries about the radiation.



## ColoRex T8 Integration of Innovative 3000K~5800K

CG lighting T8 tube light reduce electricity costs 50% to 60% compared to traditional fluorescent at the moment of installation. SMPS, constructed of high quality parts, prevent degradation of life due to frequent blinking and realized a long life passing always a stable current to the LED modules and maintains stable flux even at a low temperature. Built in SMPS structure is resistant to external shocks and moisture and easy to replace the existing lighting fixtures. Special polycarbonate material surrounding the surface filters and optimizes the light emitted from the LED module to give as close to natural light and presents a nice glow to the eyes.





## Crane A / B CR D

Crane was born out of the anguish to improve the uncomfortable and unsmooth UI of the standing lights. Standing lights on the table should shed a light to the desired angle easily. Crane works easy as if one crane bowed its head and grabbed the fish and so it is designed for convenient UI that controls at the touch of finger. The head that bends at a perfect 90 degree angle and the body turns 180 degree works smoothly without resistance. If you touch a few times by hand, it reproduce in seven steps from the cool light that improve attention to a warm light that stimulates the sensitivity. Topped with a USB port, it can recharge mobile devices such as smartphones. The display installed in the front has various functions one can find at a glance to check temperature, time and alarm.

## Nightingale D

Nightingale lighting adds harmony of light and sound. Beyond the basic tabletop standing lights monotonous form, it is a completely different products with a structure that hold Bluetooth speaker. Volume control buttons designed in a big shape implies that this product is a music player that no other can beat off. It will bring you a new lifestyle experience since it can spread music that becomes to the time and space under any circumstances. Carefully finished metallic appearance of aluminum presents the standard of sharp but luxurious appearance.

**Crane A**  
 Power Consumption - 10W  
 Dimensions - W190×D362×H500mm  
 CCT - Color Changeable  
 Dimmerable  
 Input - AC100-240V 50-60Hz

**Crane B**  
 Power Consumption - 10W  
 Dimensions - W192×D362×H445mm  
 CCT - Color Changeable  
 Dimmerable  
 Input - AC100-240V 50-60Hz

**Nightingale**  
 Power Consumption - 10W  
 Dimensions - W110×D110×H500mm  
 Dimmerable  
 Bluetooth Speaker  
 Input - AC100-240V 50-60Hz





## Kiwi CR D

Kiwi is a product giving emotional pleasure. It adds visual effect on the fundamentals of the luminaries. It realized a major change to avoid monotony and to bring immersion through the emanating colorful hues from the ball that symbolized the egg of a bird. The neck is made of flexible material that bends gently to give stable motion and the base is finished heavy to reduce vibration during operation. In addition, the brightness is adjusted as desired up to 3 steps in an intuitive touch interface structure.

**Kiwi**  
 Power Consumption - 5W  
 Dimensions - W115×D113×H540mm  
 CCT - Color Changeable  
 Dimmerable  
 Input - AC100-240V 50-60Hz

**Goose**  
 Power Consumption - 10W  
 Dimensions - W130×D215×H500mm  
 CCT - Color Changeable  
 Dimmerable  
 Input - AC100-240V 50-60Hz

**Cobra**  
 Power Consumption - 5W  
 Dimensions - W165×D165×H660mm  
 CCT - Color Changeable  
 Dimmerable  
 Input - AC100-240V 50-60Hz

## Goose CR D

Although tabletop standing lights is easily available, products with high completeness is not easy to find. If you are looking for the product of unique light, Goose will be closest to the correct selection. It is composed of high quality SMD type chip and the light emission part for suitable quantity of light with less electric consumption is equipped with an excellent high-end diffuser of excellent transmission ratio, which less glare just like a edge type panel light. Depending on the mood, it represent light with adjustable color in three modes. Designed like a goose beak, front part of the base produce surprisingly various colors of light. The body that are exquisite mix of the plastic and aluminum shows a superb beauty and aesthetics.

## Cobra CR D

Cobra adopted natural and familiar elements of oval round intensively to get out of poor and silly look of standing lights usually seen in the market. Cheerful look out of bright white color and smooth lines clearly distinguished from existing products of heavy colors and square shape. Head of the light in the shape of cobra head bring the light even into an unimaginable space as it can freely adjust the illumination angle with the help of the flexible connecting post. In addition, it become possible to choose in 5 steps from warm light to cool light thanks to the 18 SMD type LED chips shining like bright stars inside the head.

## Showcase

Now no one can imagine a world without light. The lighting that brightens the world has been a staple for us for long. We are an unrivaled company that fully express the lights. Lighting fixtures made by CG lighting reflect the times and make one of the traditions. CG lighting design, test, and produce that is beyond expression in words.



Designed by Ko jung hoon



It is a showcase that the signature models of CG lighting products are gathered in one place. No other things can fully express our company as the showcase which is filled with the spirit of challenge. Meet the variety of colorful lights in the showcase that is full of ingenious attempts and interpretation added on the tradition.



**CG Lighting Co.,Ltd**

[www.cgled.co.kr](http://www.cgled.co.kr)

[www.cglighting.co.kr](http://www.cglighting.co.kr)