

CDN
L I G H T

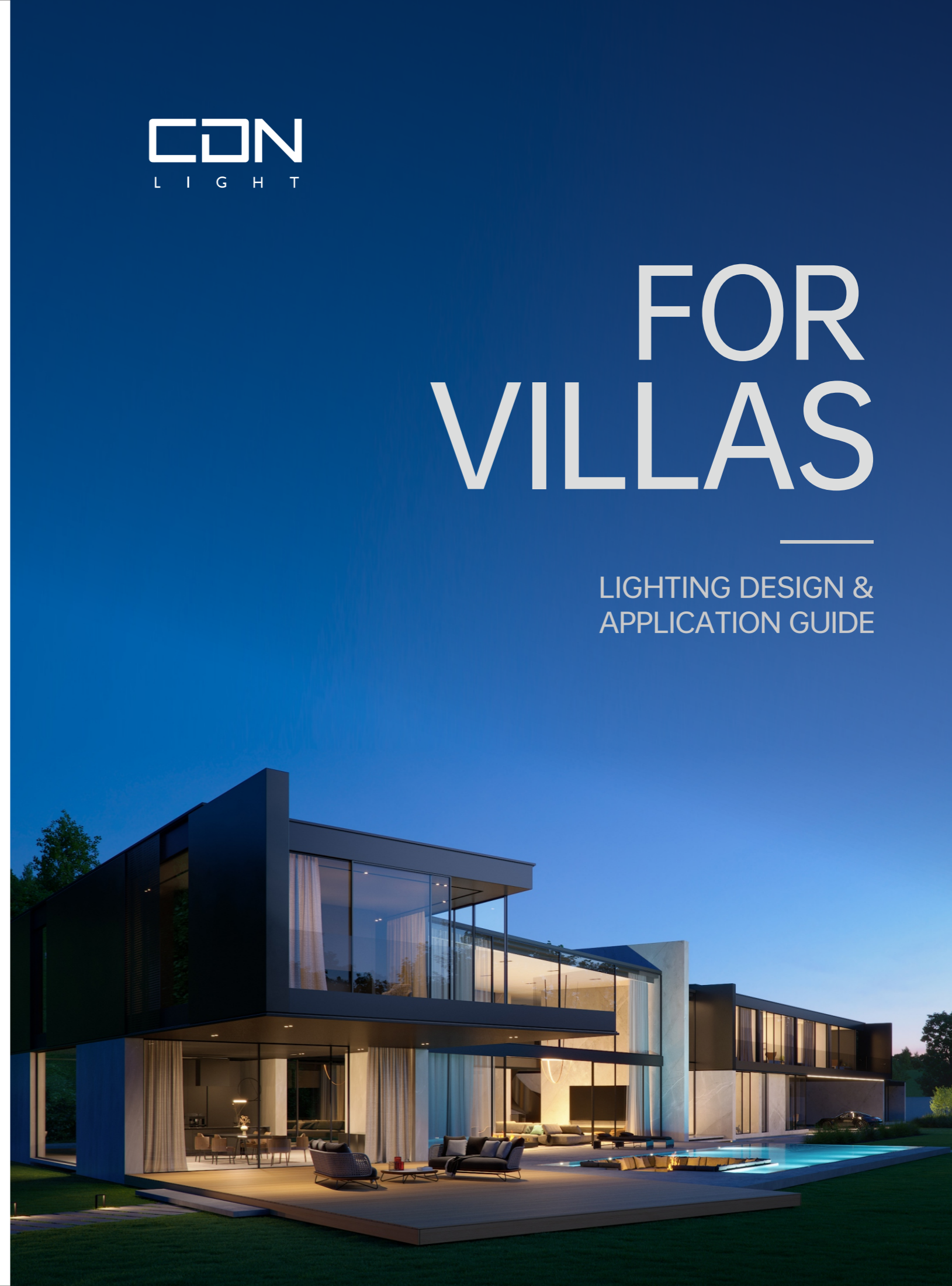
FOR VILLAS

LIGHTING DESIGN &
APPLICATION GUIDE

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Enjoy Light

Well-Designed Lighting Creates a Comfortable Living Space,
Highlighting the Quality of Your House,
Representing Your Noble Taste, and more...
High Quality Lighting Can Give You a Warm and Healthy Home.



ARCHITECTURE BECOMES ART WITH CDN LIGHTING

Our principle of lighting design for villas comprehensively considers human behavior, psychological feelings and spatial characteristics, keeping up with the trend of "human centric" approach.



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DESIGN CONCEPT

Lighting design for villas requires various methods to highlight decoration details, to create contrast of light and shadow, to present the beauty of artworks, to create comfortable atmosphere that fits the areas, and to harmonize the transition of spaces.



LIGHT AND SHADOW RESHAPES SPACE,
PROVIDE INSIDE FOR A BETTER LIFE.
THOSE BEAUTIFUL DETAILS ILLUMINATED BY LIGHT
ARE THE PRESENTATION OF QUALITY
IN YOUR LIVING SPACE.

Creating The Right Atmosphere

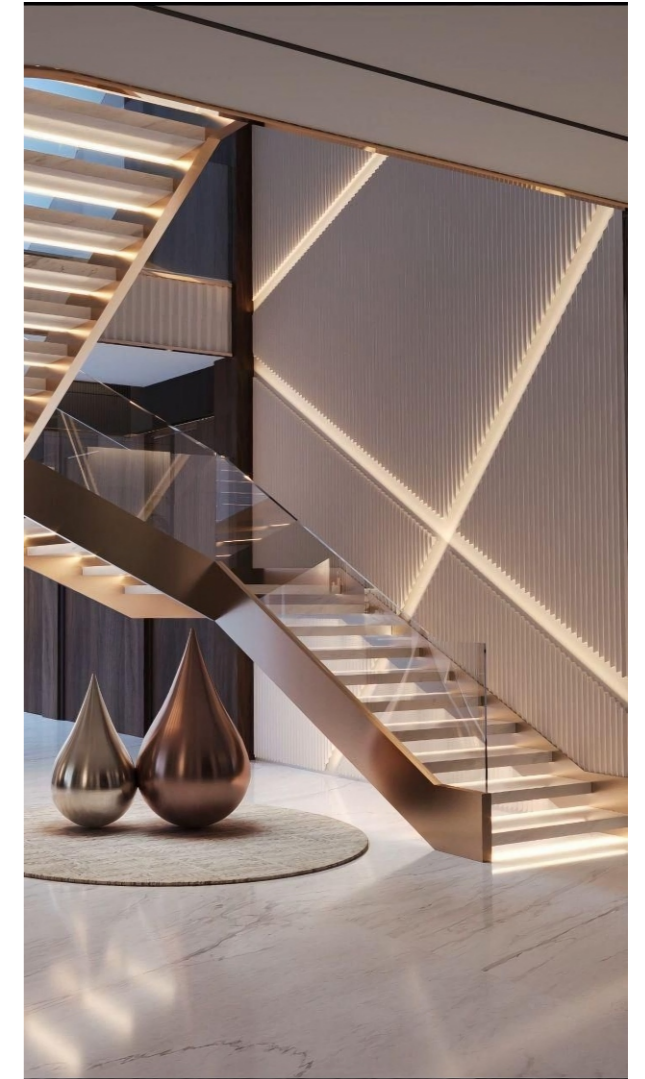
Lighting design must consider attributes and decoration styles of space, as well as the daily needs of various places. While taking into account both function and aesthetic experience, create a lighting atmosphere for the interior space that fits the site



Living Room
Multi-atmosphere for multi-functional area



Foyer
Full of sense of ritual



Stairs
Traffic node needs to be highlighted



Bedroom
Warm & Comfortable light for better sleep



Majlis
Cozy and private lighting atmosphere is required.

Lighting Environment Created By Shadowy And Bright Light

Different lights trigger different senses of rhythm in a space, and the interior space produces rich expressions as the light environment changes. Appropriate lighting in the interior space perfectly presents the space itself, and those light and shadows give the space a story and trigger people's inner perception of the space.



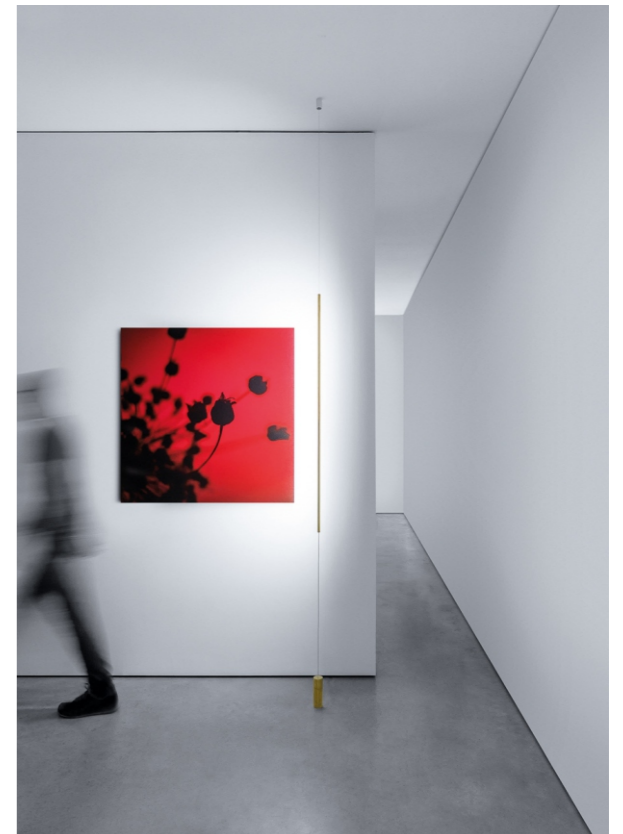
Artistic Luminaires

Appropriate use of luminaires can shape and enhance the artistic sense of the space.



Create Visual Focus

Following the design language of a space and the decoration style, properly create a visual focus and highlight the theme of space decoration



Appropriate Presentation Of Artworks

Combining the shape of artworks and the content they express, we should choose different lighting fixtures and different lighting solutions to properly present the artworks.

Enrich the visual perception of the space



Through the planning of the change of light and shadow in a space and the covering form of light, the visual perception of the space can be enriched; By the highlights of some details of the structure and specific areas, the visual perception of levels and entertainment of the space are increased, and simultaneously both functional lighting and supplementary lighting are well considered.





PROJECT ANALYSIS

The core of modern living concept such as "livable, humanistic, personality and poetry" can be properly integrated through lighting design, and the elegant and quiet living space also can be appropriately constructed with light and shadow.



Colour Temperature

3000K is recommended for the room/space, meanwhile CCT tunable lighting is another recommendation;

Colour temperature and brightness can be changed according to the change of scenes, it can bring perfect lighting experience in the house.

Planning of Contrast

Muti-function area for personal space, meeting, dressing or use as a coatroom.

Private, quiet and warm lighting atmosphere is required for bedroom.

The combination of points, lines and surfaces creates a bright atmosphere in the living room.

Swimming pool with peaceful & soothing lighting atmosphere makes people feel relax and comfortable.

Lawn lights and spotlights are grouped to enhance the perception of moving under light and shadows.

Lighting in this area is a guide of people, leading us to the areas where we want to go.





- Fixed Downlight (Trimless)-15W/50°
- Adjustable Downlight (Trimless)-12W/24°
- Adjustable Downlight (Trimless)-12W/36°
- Fixed Downlight (Trimless)-12W/50°
- Fixed Downlight (Trimless)-12W/36°
- Fixed Downlight (Trimless)-15W/50°
- Ceiling lamp plate-24W
- LED Bollard Light-12W/24°-IP65
- LED Post Top Light-12W-IP65
- LED Wall Light
- ▲ LED Underwater Light (Wall-Mounted) -12W/36°
- LED Strip Light-4W/120°
- LED Strip Light-9W/120°
- LED Strip Light-9W/120°
- LED Strip Light-4W/120°
- LED Linear Light (Pendant) -40W/1.2M-120°
- LED Strip Light-4W/120°-IP65
- LED In-ground Light-24W-IP68
- ML3.0 Linear Spot Module-18W/36°



LIGHTING DESIGN

According to the function of different areas and decoration style, the first impression obtained on the basis of spatial analysis is helpful for us to have a clearer design idea.

Villa space functional partition



L1 Majlis



L2 Living room



L3 Masterbedroom



L4 Home office/study



L5 Kitchen



L6 Gym



L7 Laundry Room



L8 Servants Room



L9 Swimming pool



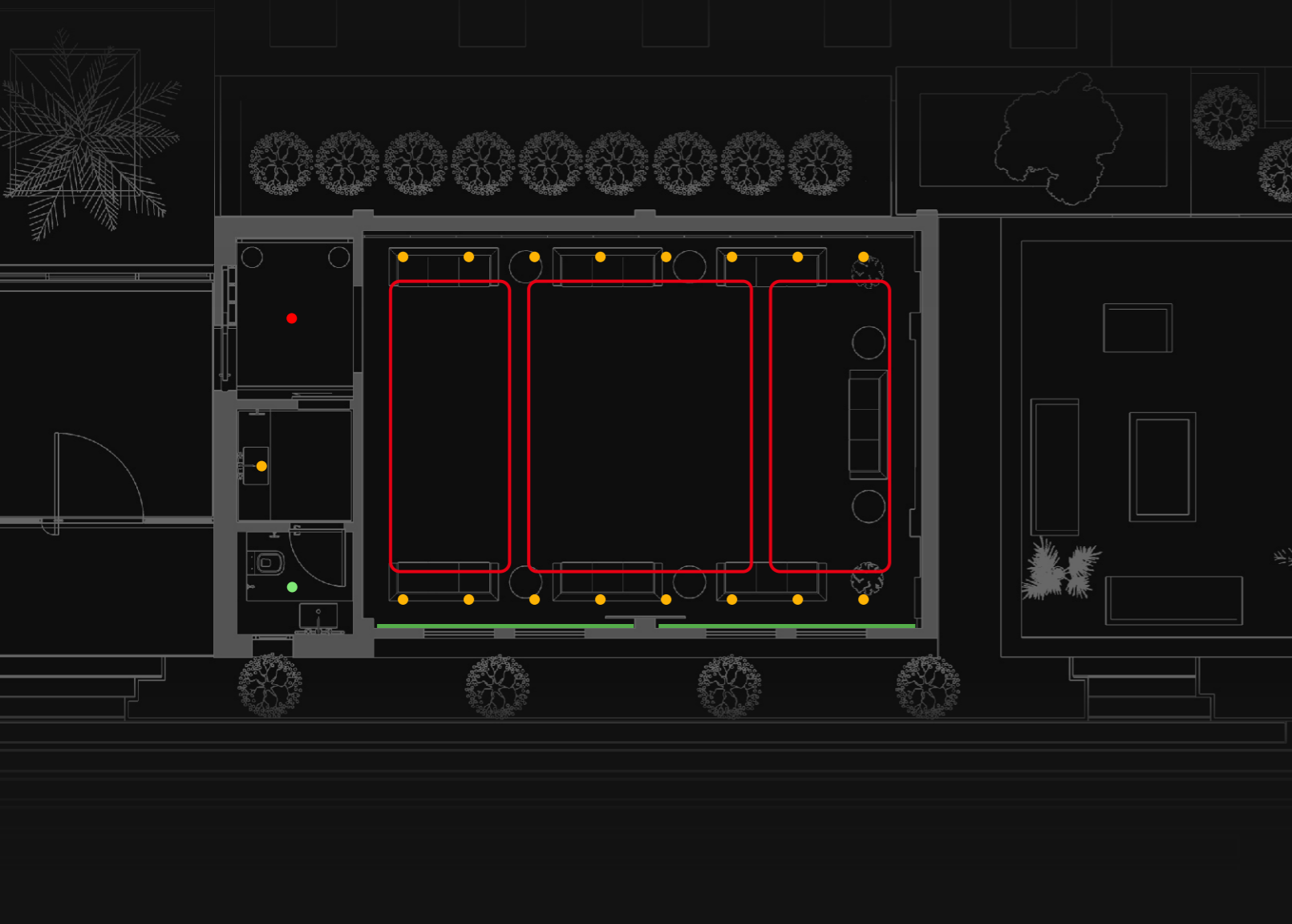
L10 Garden



MAJLIS

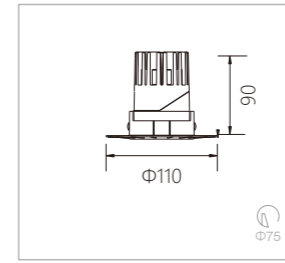
Both functional lighting and decorative lighting are used, presenting the design aesthetics of the meeting space, while creating a comfortable and bright environment for guests who can enjoy their conversation.

LIGHTING LAYOUT



- Fixed Downlight (Trimless)-15W/50°
- Adjustable Downlight (Trimless)-12W/36°
- Adjustable Downlight (Trimless)-12W/24°
- LED Strip Light-9W/120°
- LED Strip Light-9W/120°

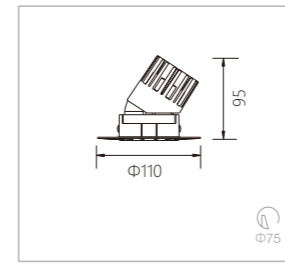
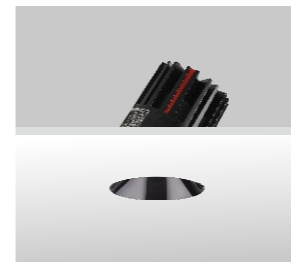
PRODUCT INFO.



CEJ1075W G5



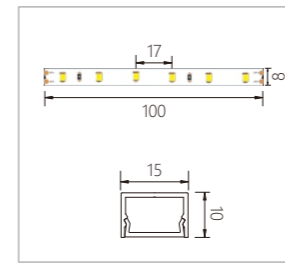
| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 15W | Ra > 90 | 50° | 3000K |



CEJ2075W G5



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 24° | 3000K |
| 12W | Ra > 90 | 36° | 3000K |

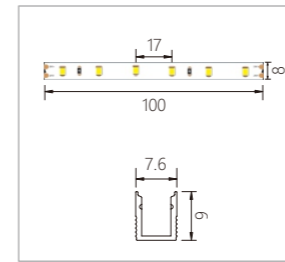


CEGB2835-50



| Power | CRI | Beam Angle | CCT |
|---------------------------------------|---------|------------|-------|
| 9W — | Ra > 90 | 120° | 3000K |

CXS1510B
Remarks: Aluminum profile must be used with LED strips

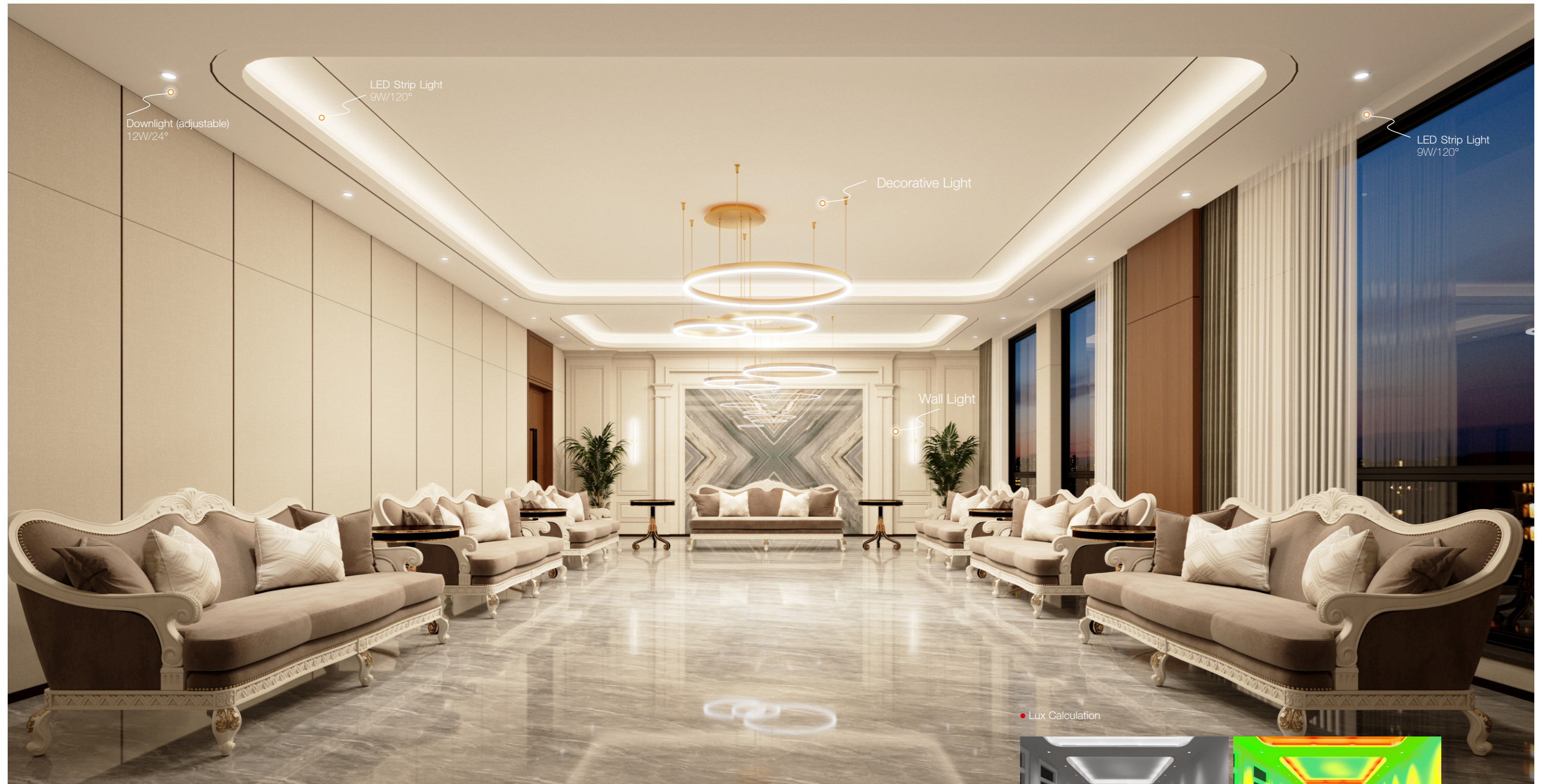


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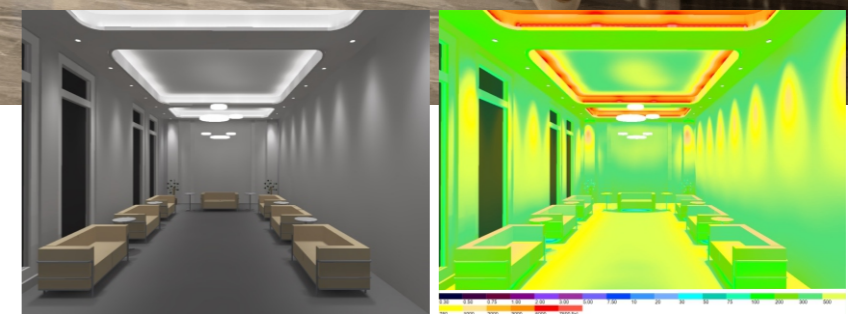


| Power | CRI | Beam Angle | CCT |
|---|---------|------------|-------|
| 9W — | Ra > 90 | 120° | 3000K |

CXS0810B
Remarks: Aluminum profile must be used with LED strips



- 1 A numbers of medium and wide beam downlights are used as basic lighting to light up the central area, providing sufficient brightness.
- 2 LED strip light is used in the cove as indirect lighting, giving cozy lighting atmosphere.
- 3 Narrow beam downlights are used to light up the plants, creating visual focus.

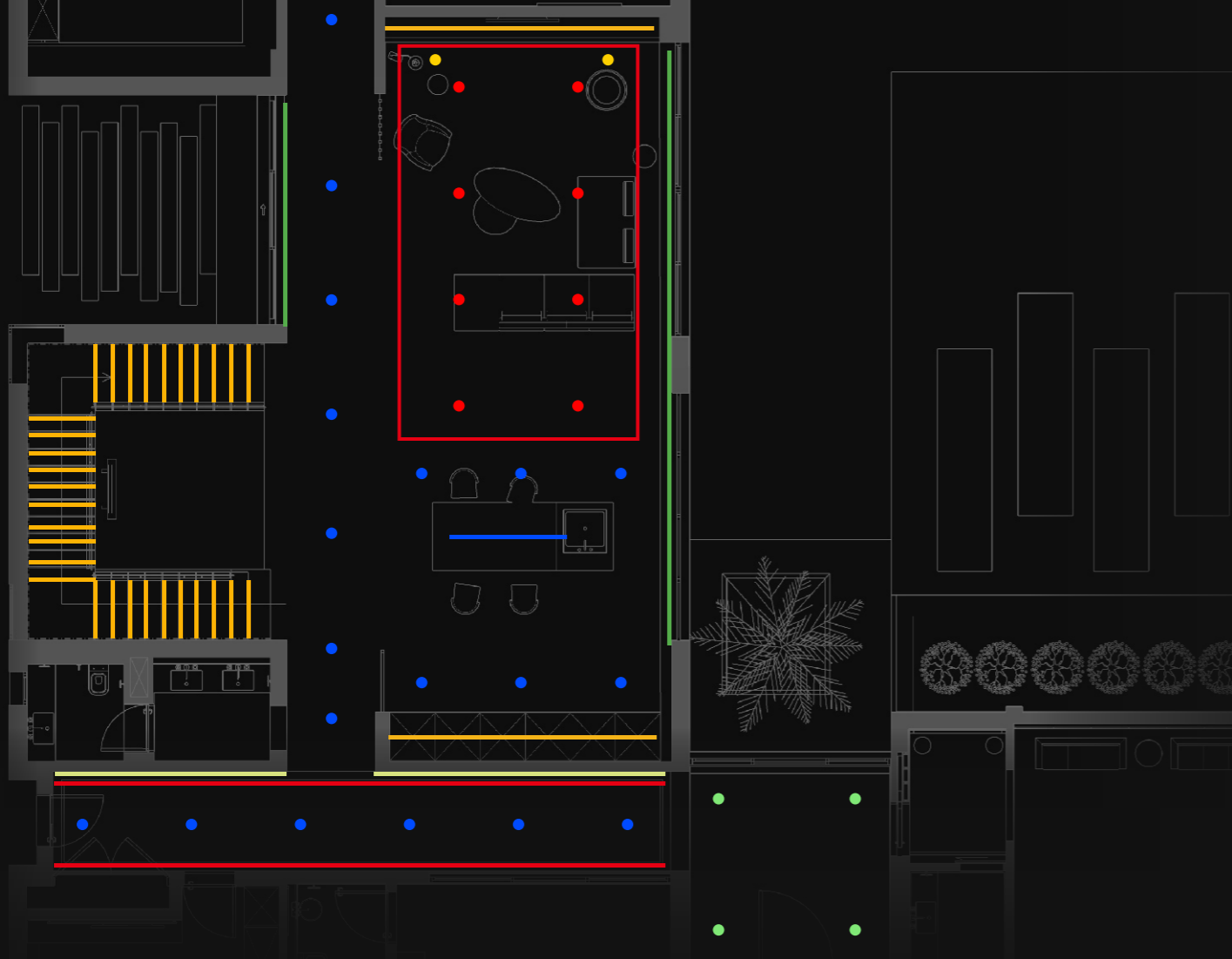




LIVING ROOM

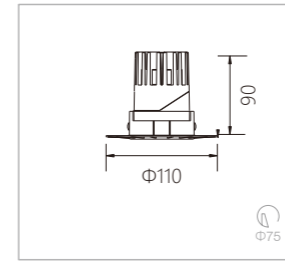
Living room is the central area of a villa. Proper lighting arrangement can create enthusiastic, open atmosphere, provide lighting condition sufficient for gatherings and parties. Through reasonable circuits control, and dimming control, various lighting requirements can be met.

LIGHTING LAYOUT



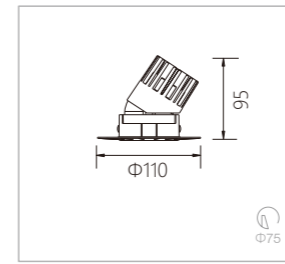
- Fixed Downlight (Trimless)-15W/50°
- Adjustable Downlight (Trimless)-12W/24°
- Adjustable Downlight (Trimless)-12W/36°
- Fixed Downlight (Trimless)-12W/50°
- LED Strip Light-4W/120°
- LED Strip Light-9W/120°
- LED Strip Light-9W/120°
- LED Strip Light-4W/120°
- LED Linear Light (Pendant) -40W/1.2M-120°

PRODUCT INFO.



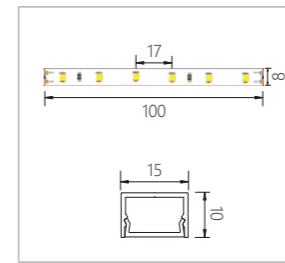
CEJ1075W G5

| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 50° | 3000K |
| 15W | Ra > 90 | 50° | 3000K |



CEJ2075W G5

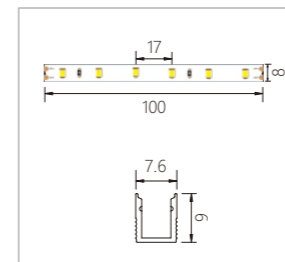
| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 24° | 3000K |
| 12W | Ra > 90 | 36° | 3000K |



CEGB2835-50

| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 4W | Ra > 90 | 120° | 3000K |
| 9W | Ra > 90 | 120° | 3000K |

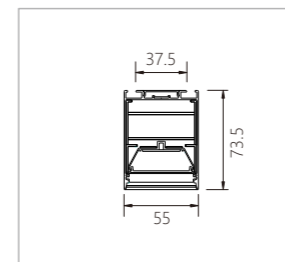
CXS1510B
Remarks: Aluminum profile must be used with LED strips



CEGB2835-50

| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 4W | Ra > 90 | 120° | 3000K |
| 9W | Ra > 90 | 120° | 3000K |

CXS0810B
Remarks: Aluminum profile must be used with LED strips

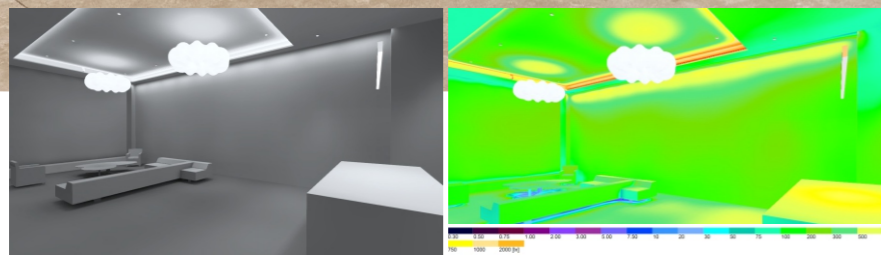


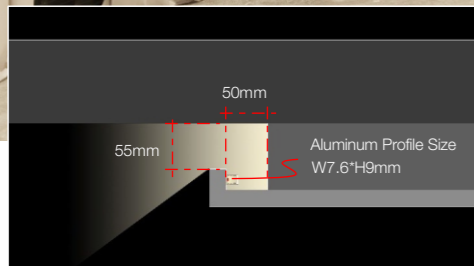
CXUD5575G

| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 40W | Ra > 90 | 120° | 3000K |



● Lux Calculation





- 1 A numbers of medium and wide beam downlights are used as basic lighting to light up the central area, providing sufficient brightness.
- 2 Downlights with medium-wide beam angles supplement the basic lighting for this space.
- 3 LED strip light hidden in the wall as back light creates perception of visual layering in the space, and creates soft lighting atmosphere.



- 1 Pendant linear light is used as accent lighting on top of dining table.
- 2 Downlights with medium-wide beam angles supplement the basic lighting for this space.

- 3 LED strip light hidden in the wall as back light creates perception of visual layering in the space, and creates soft lighting atmosphere.



- 1 Downlights with medium-wide beam angles are suitable to be used in the aisle to create soothing lighting atmosphere.
- 2 LED strip light is recommended to be used in the pelmet, simulating the sun light passing through, illuminates the curtain, and it increase visual attraction.

- 3 A spot light is used to light up the tree from bottom, producing shadow, increase contrast, and increase spatial lighting diversity.
- 4 Linear in-ground light aimed upward, enhance spatial diversity and increase depth perception.



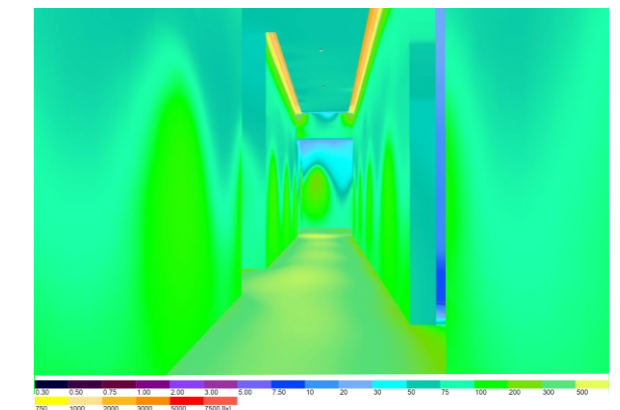
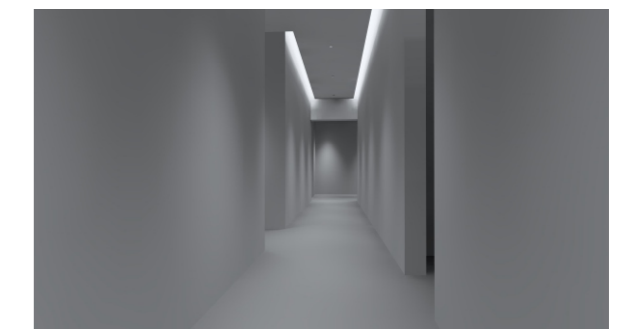
CORRIDOR

Even and bright lighting environment is required in corridors. LED strip light in the cove can give even, soft light, and medium-wide beam low glare downlights are proposed to light up the floor directly.



1 The LED strips in the cove and baseboard create indirect lighting effect, which make a uniform and soft light distribution.

• Lux Calculation



MASTER BEDROOM

Lighting design for master bedroom aimed to increase comfort and build reassuring feeling in the space. Indirect lighting gives much soft light without any glare, more often to be used in this space as basic lighting; in the other hand, indirect lighting also is able to enhance spatial visual perception. Furthermore, spotlight is used to make the artworks look more attractive and conspicuous, helps presenting the aesthetics.

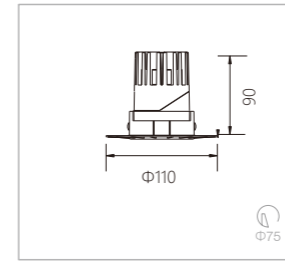


LIGHTING LAYOUT

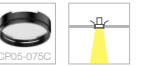


- Fixed Downlight (Trimless)-12W/24°
- Fixed Downlight (Trimless)-12W/36°
- Adjustable Downlight (Trimless)-12W/36°
- LED Strip Light-9W/120°
- LED Strip Light-9W/120°
- LED Strip Light-4W/120°
- LED In-ground Light-24W-IP68

PRODUCT INFO.

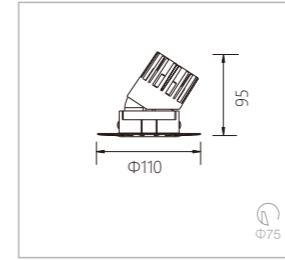


CEJ1075W G5



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 24° | 3000K |
| 12W | Ra > 90 | 36° | 3000K |

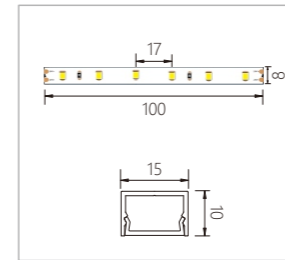
Remarks: An extra attachment-clear glass CP05-075C is required when this fitting is used in bathroom.



CEJ2075W G5



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 36° | 3000K |

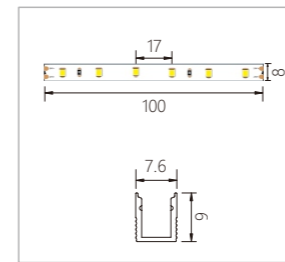


CEGB2835-50



| Power | CRI | Beam Angle | CCT |
|---------------------------------------|---------|------------|-------|
| 9W — | Ra > 90 | 120° | 3000K |

CXS1510B
Remarks: Aluminum profile must be used with LED strips

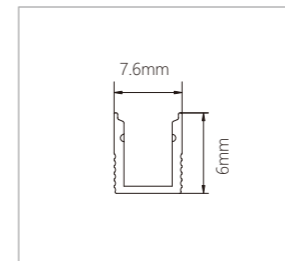
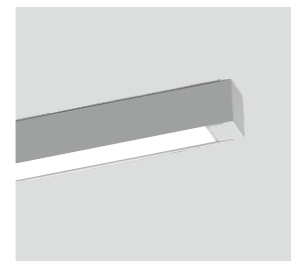


CEGB2835-50



| Power | CRI | Beam Angle | CCT |
|---|---------|------------|-------|
| 9W — | Ra > 90 | 120° | 3000K |

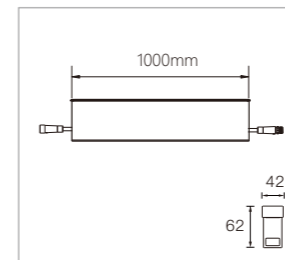
CXS0810B
Remarks: Aluminum profile must be used with LED strips



CXS0810B



| Power | CRI | Beam Angle | CCT |
|--|---------|------------|-------|
| 4W — | Ra > 90 | 120° | 3000K |



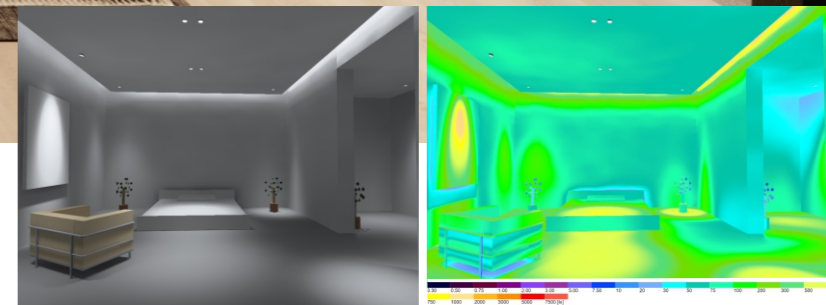
CXD3050QF-10



| Power | CRI | Beam Angle | CCT | IP Rating |
|-------|---------|------------|-------|-----------|
| 24W | Ra > 90 | 20*60° | 3000K | Ip54 |



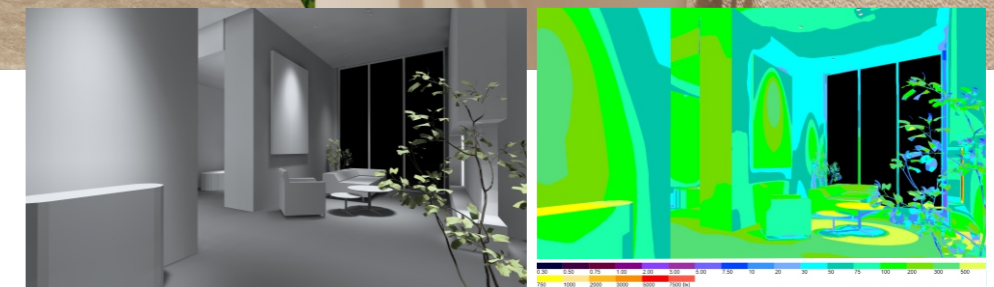
- 1 LED strip light is used in the cove as indirect lighting, producing comfortable lighting atmosphere.
- 2 Medium-wide beam downlights are used as basic lighting to light up the central area, providing sufficient brightness.
- 3 Narrow beam downlights are used to illuminate the artworks, creating a visual focus.





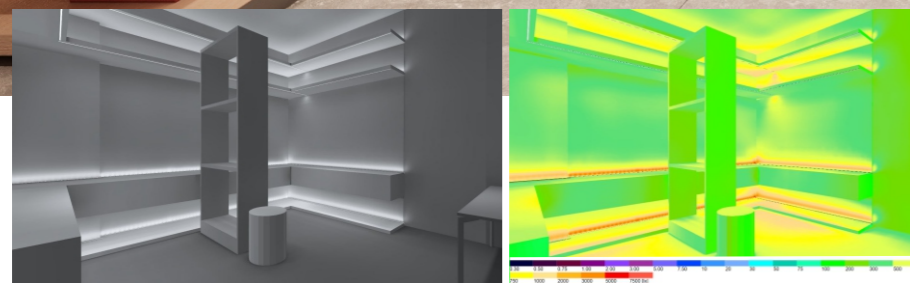
- 1 LED strip light is used in the cove as indirect lighting, producing comfortable lighting atmosphere.
- 2 Medium-wide beam downlights are used as basic lighting to light up the central area, providing sufficient brightness.
- 3 Narrow beam downlights are used to illuminate the artworks, creating a visual focus.
- 4 Small shelf light with medium-narrow beam is designed for alcove, light up the artworks..

• Lux Calculation





• Installation schematic



- 1 Medium-wide beam downlights are used as basic lighting, providing even and bright lighting environment.
- 2 LED strip light with aluminium profile is used on the top the wardrobe to light up the clothings inside.
- 3 LED strip light with aluminium profile is installed on the shelf board and light upwards , work as a supplementary light, increase the visual light layers.
- 4 A floor lamp with medium-wide beam angle provides sufficient light for dressing table.





- 1 LED strip light is hidden along the mirror to increase the brightness with soft light while not bringing any glare, also creates visual layering.
- 2 Narrow beam downlights are used to light up the washbasin, artworks and plants, create a visual focus while sufficient for daily needs.

- 3 Inground wall grazer increases sense of ritual and makes the space more interesting.
- 4 LED strip light in the cove provides soft indirect light, increasing visual comfort.



HOME OFFICE/STUDY

For lighting design for a home office/study, we hope that the lights are able to satisfy the requirement of working, also we are trying to give a chance to people to control the lighting, to change the lighting atmosphere according to different activities, so that it is possible to change a working atmosphere to a private, alone and warm atmosphere.

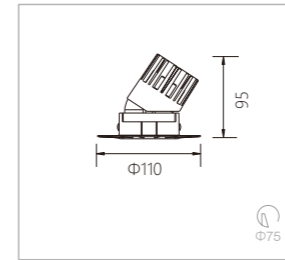


LIGHTING LAYOUT



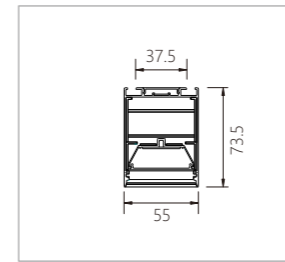
- Adjustable Downlight (Trimless)-12W/36°
- Adjustable Downlight (Trimless)-12W/24°
- LED Strip Light-4W/120°
- LED Linear Light (Pendant) -40W/1.2M-120°

PRODUCT INFO.



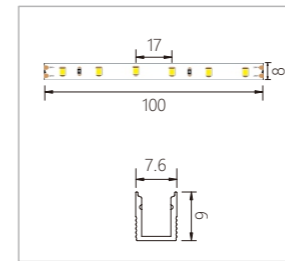
CEJ2075W G5

| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 24° | 3000K |
| 12W | Ra > 90 | 36° | 3000K |



CXUD5575G

| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 40W | Ra > 90 | 120° | 3000K |



CEGB2835-50

| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 4W | Ra > 90 | 120° | 3000K |



CXS0810B
Remarks: Aluminum profile must be used with LED strips

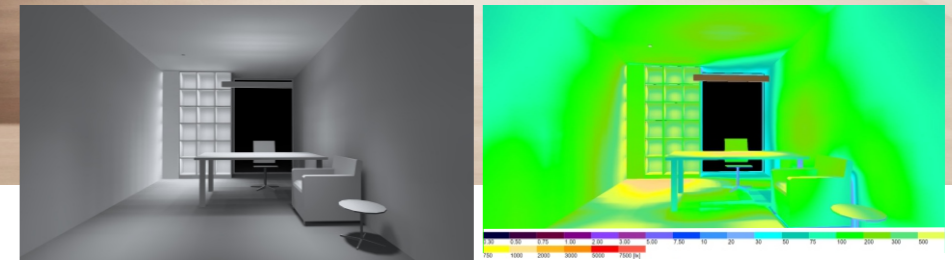


LED Linear Light
40W/88°

Downlight (adjustable)
12W/36°

LED Strip Light
4W/120°

• Lux Calculation

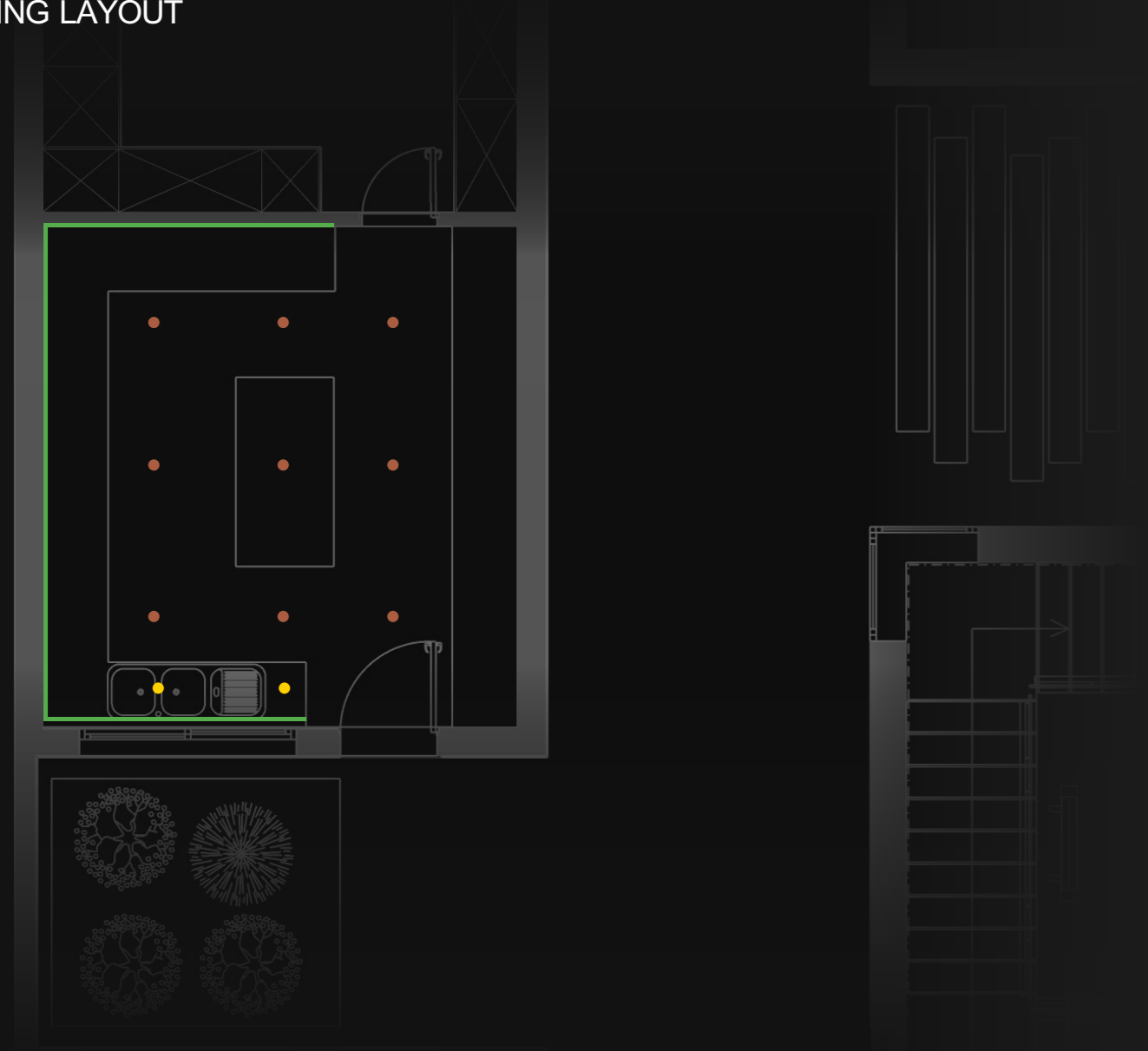




KITCHEN

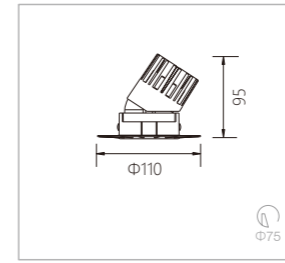
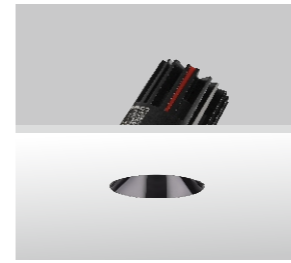
In a kitchen, even and bright lighting is required to show the cleanness, to let people see all food clearly; and high CRI is also an important factor because it can show the real colour of foods and increase people's appetite.

LIGHTING LAYOUT



- Fixed Downlight (Trimless)-15W/50°
- Adjustable Downlight (Trimless)-12W/24°
- LED Strip Light-9W/120°

PRODUCT INFO.

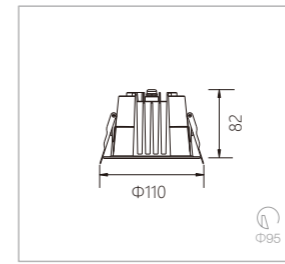


CEJ2075W G5



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 24° | 4000K |

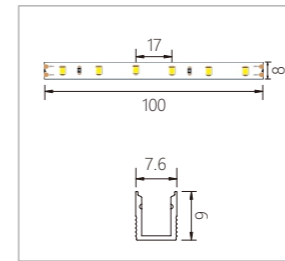
Remarks: An extra attachment-clear glass CP05-075C is required when this fitting is used in bathroom.



CEA13501S/W



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 15W | Ra > 90 | 60° | 4000K |



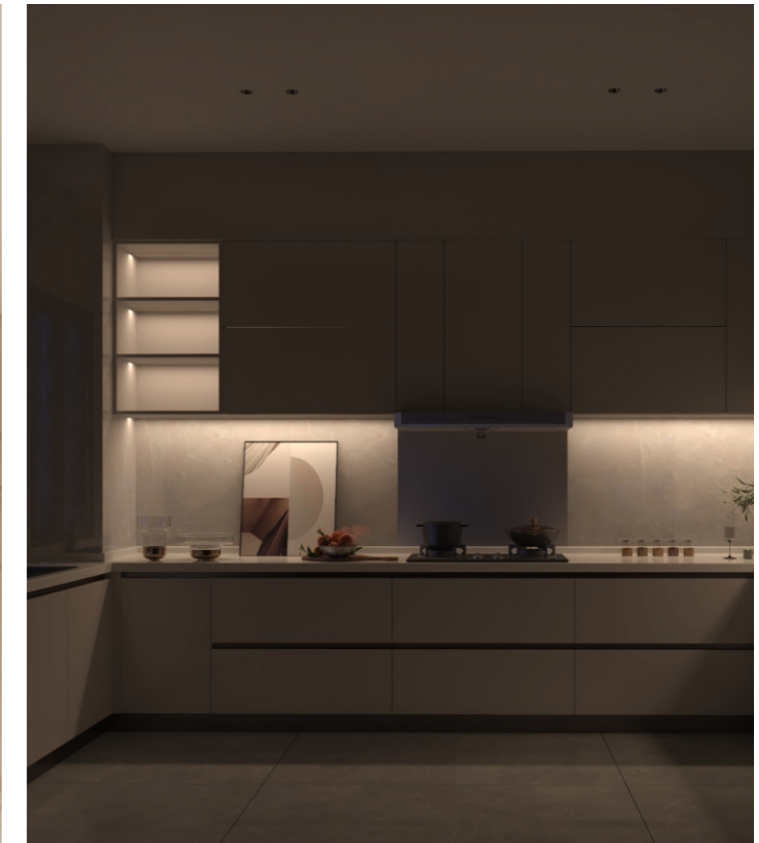
CEGB2835-50



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 9W | Ra > 90 | 120° | 4000K |

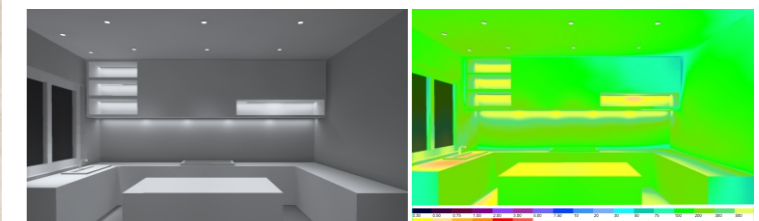


CXS0810B
Remarks: Aluminum profile must be used with LED strips



- 1 Linear lights are installed underneath the cupboard to ensure table is bright and to avoid dark areas.
- 2 The space is evenly illuminated, creating high illumination lighting environment to enhance work efficiency.

● Lux Calculation

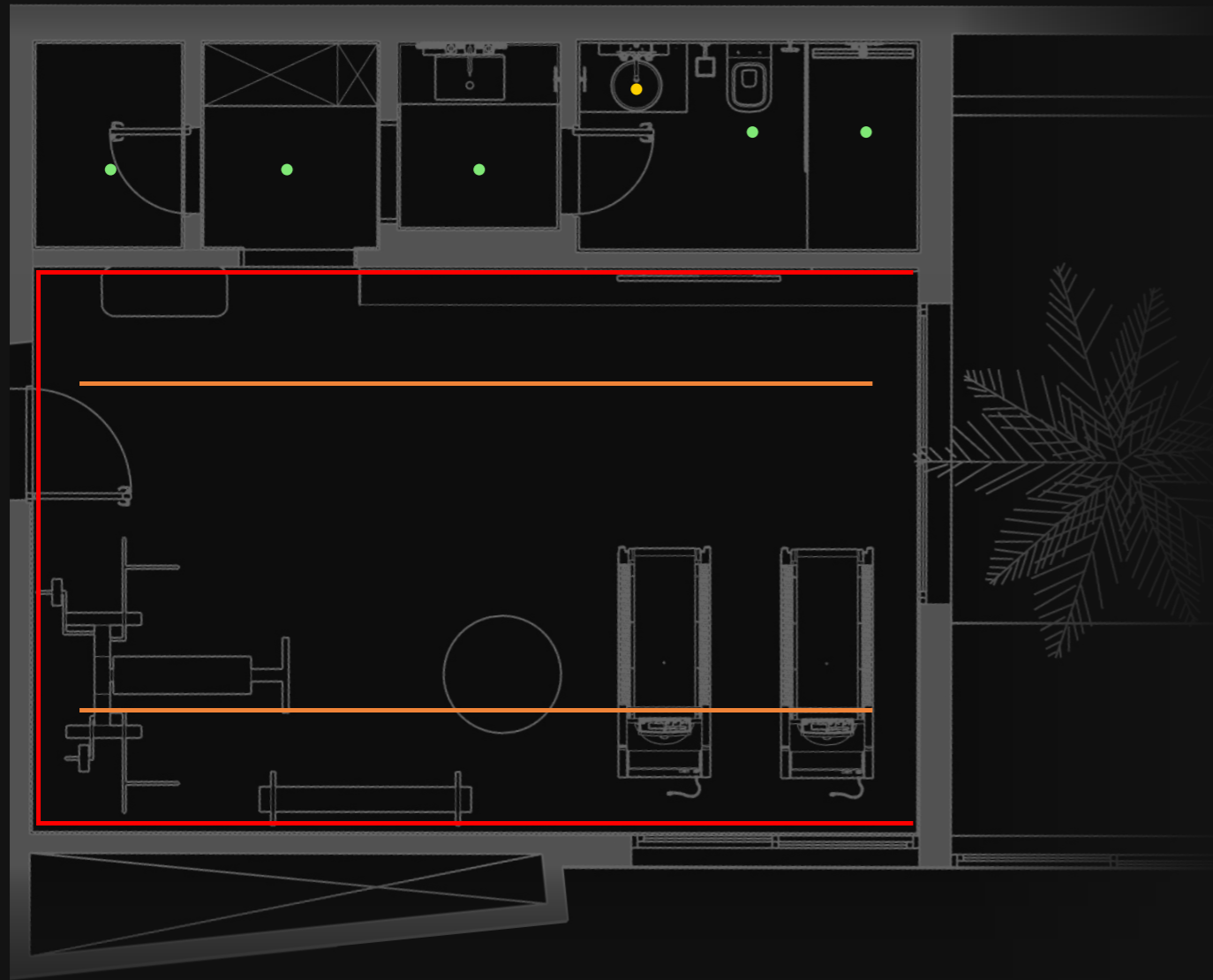


GYM

High lux level can make people feel excited, passionate in a gym. High lumen cove light produces soft comfortable basic lighting; Downlights and spot lights highlight specific fitness equipment while increasing brightness.

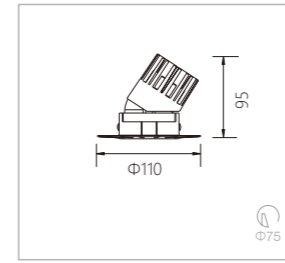
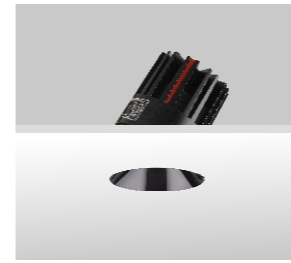


LIGHTING LAYOUT



- Adjustable Downlight (Trimless)-12W/24°
- Adjustable Downlight (Trimless)-12W/36°
- LED Strip Light-9W/120°
- ML3.0 Linear Spot Module-18W/36°

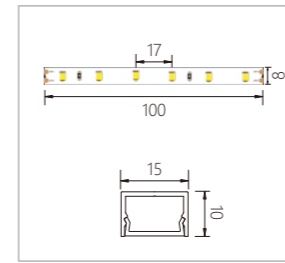
PRODUCT INFO.



CEJ2075W G5



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 24° | 3000K |
| 12W | Ra > 90 | 36° | 3000K |



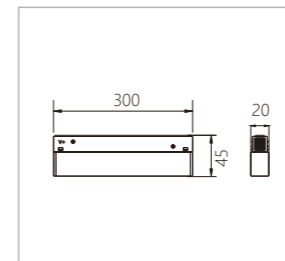
CEGB2835-50



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 9W | Ra > 90 | 120° | 3000K |



CXS0810B
Remarks: Aluminum profile must be used with LED strips



CXL25S03



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 18W | Ra > 90 | 36° | 3000K |

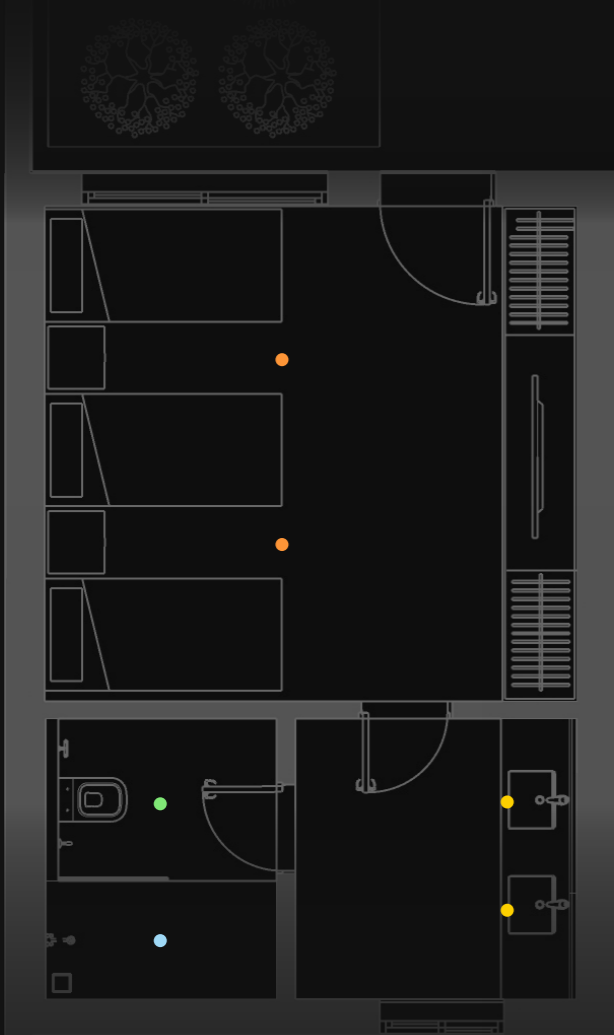




SERVANTS ROOM

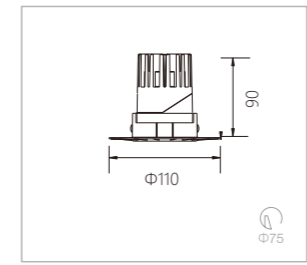
Wide beam ceiling light illuminates the overall space evenly, creating a bright lighting environment.

LIGHTING LAYOUT

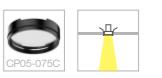


- Ceiling lamp plate-24W
- Adjustable Downlight (Trimless)-12W/36°
- Fixed Downlight (Trimless)-12W/36°
- Adjustable Downlight (Trimless)-12W/24°

PRODUCT INFO.

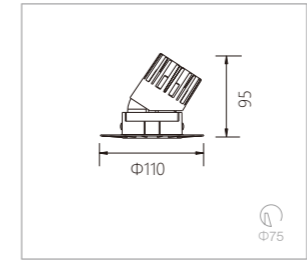


CEJ1075W G5



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 36° | 3000K |

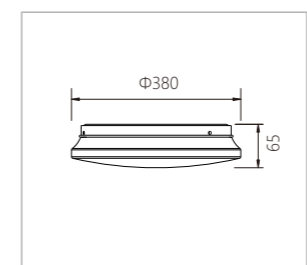
Remarks: An extra attachment-clear glass CP05-075C is required when this fitting is used in bathroom.



CEJ2075W G5



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 12W | Ra > 90 | 36° | 3000K |



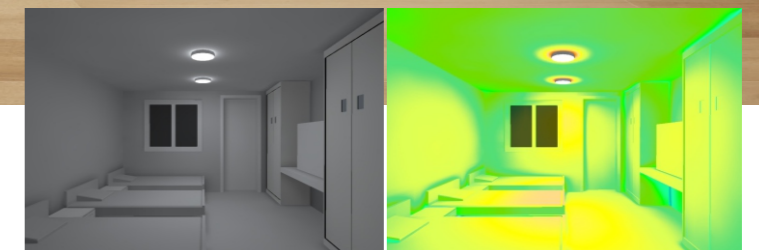
CEX24-10



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 24W | Ra > 90 | / | 3000K |



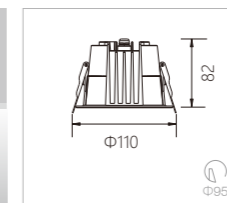
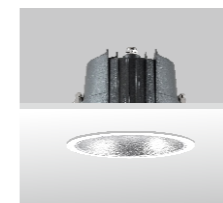
• Lux Calculation





LAUNDRY ROOM

Medium and wide beam downlights illuminate the overall space evenly, creating a bright lighting environment.



CEA13501S/W



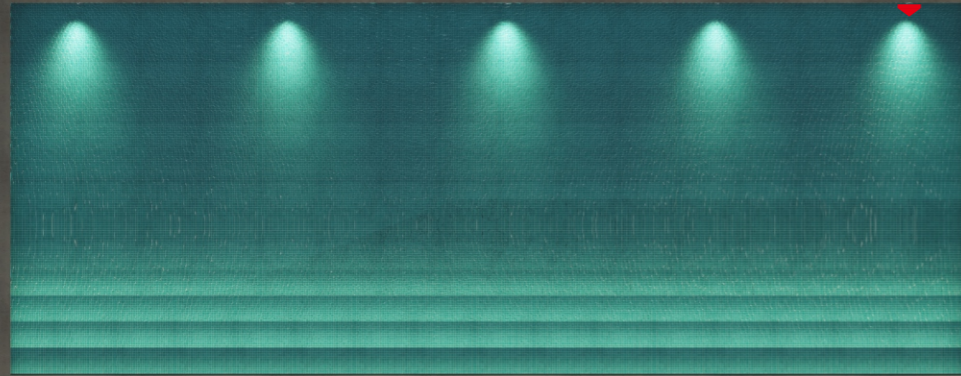
| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 15W | Ra > 90 | 60° | 4000K |

OUTDOOR

Light the path with perfect light.
When night falls, anti-glare outdoor lighting guide the way.
Good lighting design is to meet both the design concept and functional needs.



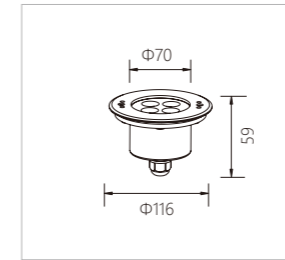
LIGHTING LAYOUT



- LED Bollard Light-12W/24°-IP65
- LED Post Top Light-12W-IP65
- LED Wall Light
- ▲ LED Underwater Light (Wall-Mounted) -12W/36 °

— LED Strip Light-4W/120°-IP65

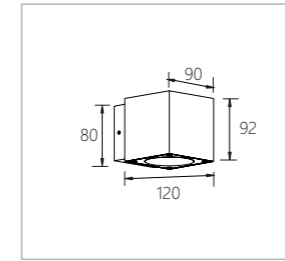
PRODUCT INFO.



CBL9702



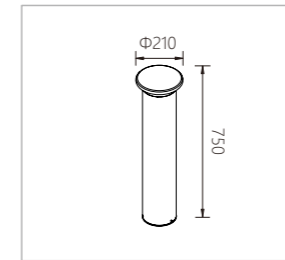
| Power | CRI | Beam Angle | IP Rating | CCT |
|-------|---------|------------|-----------|-------|
| 8W | Ra > 80 | 24° | IP68 | 4000K |



CWL7ES14-1



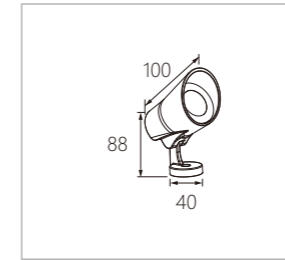
| Power | CRI | Beam Angle | IP Rating | CCT |
|-------|---------|------------|-----------|-------|
| 7W | Ra > 80 | 18° | IP65 | 3000K |



CBLE512



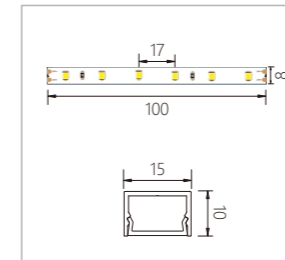
| Power | CRI | Beam Angle | IP Rating | CCT |
|-------|---------|------------|-----------|-------|
| 18W | Ra > 90 | 33° | IP54 | 3000K |



CBL5801-Z



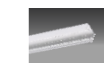
| Power | CRI | Beam Angle | IP Rating | CCT |
|-------|---------|------------|-----------|-------|
| 8W | Ra > 80 | 24° | IP65 | 3000K |



CEGB2835-50



| Power | CRI | Beam Angle | CCT |
|-------|---------|------------|-------|
| 4W | Ra > 90 | 120° | 3000K |

 CXS1510B
Remarks: Aluminum profile must be used with LED strips

SWIMMING POOL

Underwater lights make the water in the pool look like sapphire; at night, the clean transparent water makes swimmers unafraid.



- 1 Wall lights on the wall to illuminate downwards to create facade lighting.
- 2 Wall lights wash the wall with downwards light, make all this area surrounded by light.
- 3 Wall lights are installed in the swimming pool to visually create a sense of sequence. The light is refracted through the water to create an interesting lighting experience in the pool.

GARDEN

The beautiful courtyard view does not lose its luster at night. It is necessary to properly present the beauty of the garden scenery at night through the lighting design. people can enjoy and relax after work when the green plants sway in the light and shadow.





1 Wall lights wash the wall with downwards light, make all this area surrounded by comfortable light while the contrast shows the visual layering and make people feel peaceful and relax.

2 One direction bollard lights provide basic lighting for the path.

3 Spike lights are used to light up the plants and create shadows of the plants.

4 Waterproof LED strip light hidden under stairs clearly showing the steps and enhance perception of visual layering.

ABOUT US

Professional lighting solution provider.
TOP brand in villas, residential building and hotels.

40⁺
Countries

2500⁺
Hotel Projects

7⁺
Factories

2000⁺
Employee

500⁺
Patents



PROFILE

CDN has been committed to become a comprehensive and professional lighting solution provider since it was established in 2005. Thanks to the rapid economic growth in China and the great efforts of all our employees, the company got very rapid growth and CDN is recognized as a famous brand in the middle-to-high end market. CDN is a lighting solution provider of many global branded hotels. We have been supplying lighting to more than 2500 hotels so far. CDN also is a strategic lighting supplier of many large real estate companies and retail chain stores. We have nearly 1000 distributors both in China and from overseas, and CDN products have been exported to more than 40 countries in Asia, Europe, Oceania, Latin America and Africa.

We have established 2 sub-brands aiming to provide full-range and more-than-expected lighting solutions for those high-end projects where accurate light distribution and a very comfortable lighting environment are demanded. The 2 sub-brands are BACH for luxury hospitality lighting, and Mayalit for professional lighting in museums & galleries.

So far more than 2000 employees are working for CDN Group, a total of 7 factories provide a huge manufacturing capacity, more than 60 million products are produced every year, covering interior lighting, exterior lighting, decorative lighting, emergency lighting, and customized lighting.

Research and Development

Nearly 200 experienced engineers are working for CDN, contributing to the development of efficient LED lighting products for domestic and global markets.

In addition, the laboratories at CDN headquarters are TÜV CTF certified and CNAS certified, providing important support for research and development and quality control; On this basis, we have so far obtained more than 300 patents for inventions, utility models and designs. Based on the innovation of our R&D team, five of our product lines have been awarded international product design awards: BACH 5s series downlight won the 2022 Japan International DESIGN Pioneer Award (IDPA), Argos series floodlight won the 2021 GOOD DESIGN Award, BACH G5 downlights won the 2021 Red Dot Product Design Award, BACH G3 downlights and Mayalit BEN track lights won the 2017 IF Design Award.

Quality Control

CDN factories are running under the ISO9001 quality control system and ISO14001 environment management system. More than 100 employees are working in our QC department to make sure every product is shipped out with decent quality.

Manufacturing

CDN 7 factories are located in 3 manufacturing bases in 3 cities. Huizhou, Jiangmen and Zhongshan



Huizhou Manufacturing Base



Jiangmen Manufacturing Base



Zhongshan Manufacturing Base

Laboratory

In order to make sure the products quality at the design, material income and production stage, CDN has invested millions to build two national level laboratories in the headquarters and Zhongshan manufacturing base. The laboratories have been accredited by TUV Rheinland and China National Accreditation Service for Conformity Assessment (CNAS), which makes our laboratories have the same qualification as third-party testing institutions.

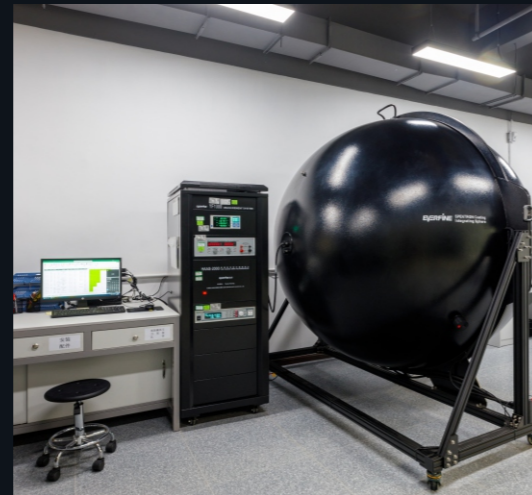
The fully enclosed darkroom ensures the best light-free, wind free, dust-free test environment is most possible to produce the most accurate test results. The latest light distribution photometer is the instrument with the highest measurement accuracy in China; its bidirectional laser aligner has the function of automatically compensating the fluctuation of the measured luminaire. The core of the instrument is an optical probe imported from Germany, with a detection accuracy of up to 1% minilux and a data acquisition angle accuracy of up to 0.5 degrees. The instrument can measure spatial light intensity distribution curve, area light flux, luminescence efficiency, lighting efficiency, utilization coefficient, glare rating, isolux curve, voltage, current, wattage, power factor and other electrical parameters. It can also automatically generate 3D optical dimension simulation diagram and effective average illuminance diagram. The test results can be used as the input data of international lighting design software, and meet the requirements of CIE, IESNA and other domestic and international standards. Accurate data can provide reference for CDN R&D and quality control, and also provide accurate data for designers to ensure the consistency of lighting.



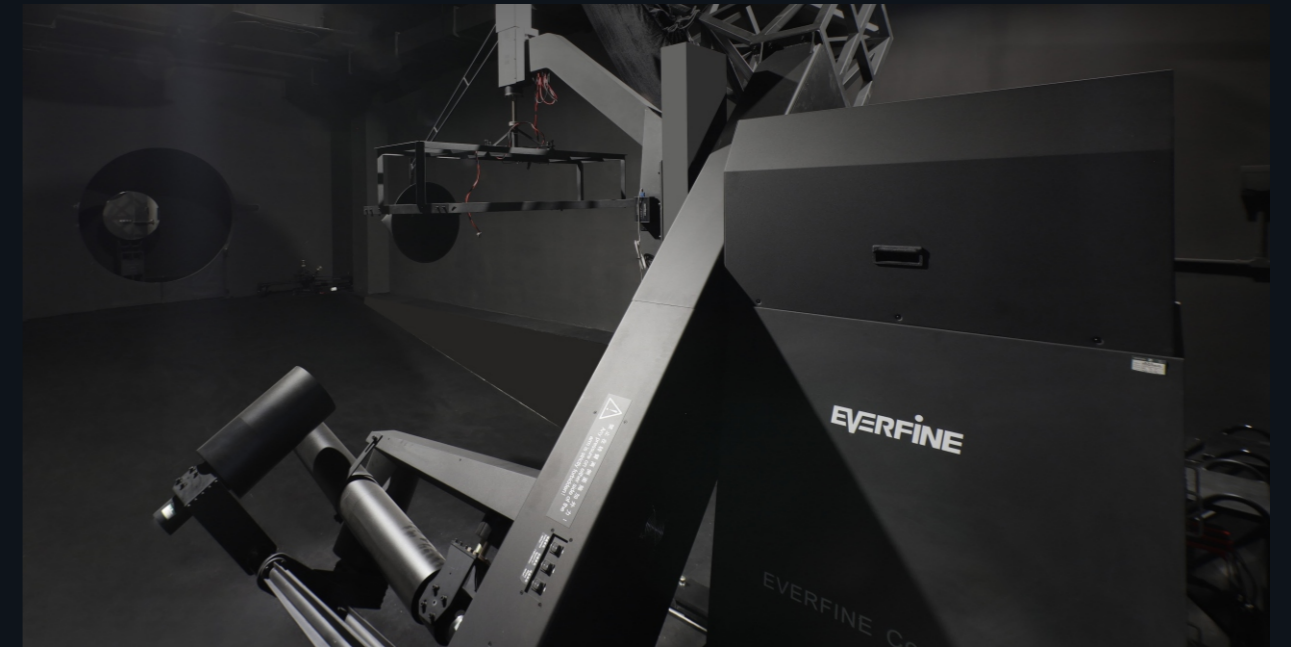
TUV Appointment certificate



CNAS Accreditation certificate



Integrating sphere test



Photometric test



IP Rating test



Lumen maintenance test



Temperature & Humidity test



Driver aging test

Our Clients

Hotels



Retailing and shopping mall



Residential



Others



Our Product Range



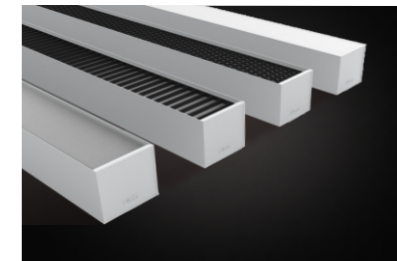
Hospitality Lighting



Residential Lighting



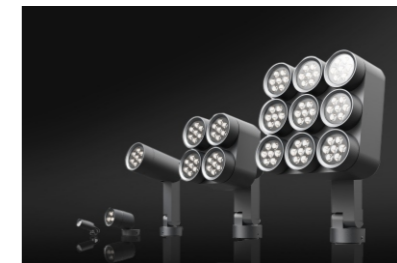
Shop Lighting



Office Lighting



Museum Lighting



Exterior Lighting



Decorative Lighting



Lamps & Drivers



Emergency Lighting



Customized Lighting

* There may be some errors in the hard copy of this catalogue and the products parameters may be updated time to time, the products specifications are subject to the latest soft copy on our website without prior notice.