

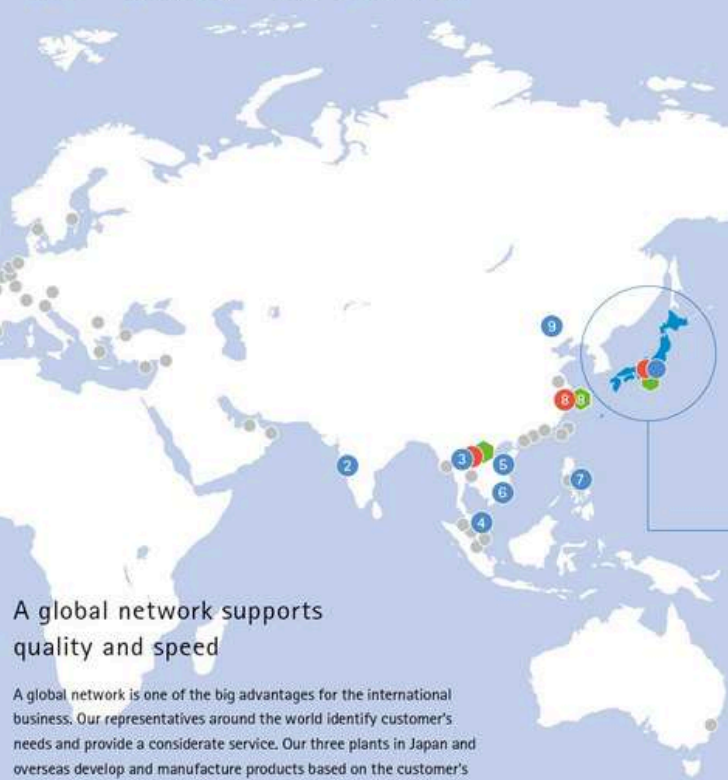
hooga

**ENDO**  
LIGHTING CORP.





# From Japan to the world



A global network supports quality and speed

A global network is one of the big advantages for the international business. Our representatives around the world identify customer's needs and provide a considerate service. Our three plants in Japan and overseas develop and manufacture products based on the customer's

## India

*ENDO LIGHTING ACCESSORIES (INDIA) PVT.LTD*

## Thailand

*ENDO LIGHTING (THAILAND) PUBLIC CO.,LTD*

## Singapore

*ENDO LIGHTING SE ASIA PTE.LTD*

## Vietnam Ho chi minh City, Hanoi

*ENDO LIGHTING VIETNAM CO.,LTD*

## Philippines

*ENDO LIGHTING (THAILAND)PUBLIC CO.,LTD  
Philippine branch*

## China

*ENDO TRADE (BEIJING) CO.,LTD*



ENDO  
Osaka Building

## Introduction Production site

### ENDO China Factory



21years

### ENDO Thailand Factory



33 years



Automated blanking process



Automated coating process



Quality management by Japanese staff





### ENDO Technical Center

Our R&D facility was certified as official institute of JNLA



Japan National Laboratory Accreditation Based on JIS(Japan Industrial Standard)



Endo Lighting Corp. obtained the certification of "Quality system" in the scope of "Design, development, production and additional services."  
 Initial registration: December, 1999 ISO9001: 1994  
 Revised registration: February, 2010 ISO9001: 2008  
 Design reviews which are performed in many steps and evaluations using the latest testing equipment are implemented. Through various processes of product planning, styling, design, quality check and product completion, we are aiming at reaching a higher level.



The Technical Center of ENDO LIGHTING Corp. obtained the certification of "Environmental system" in the scope of "Design, development, purchasing and quality assurance activities of lighting fixtures and sub-lighting fixtures."  
 Initial registration: June, 2007 ISO14001: 2004



HALT



Radio wave test



Water Proof test

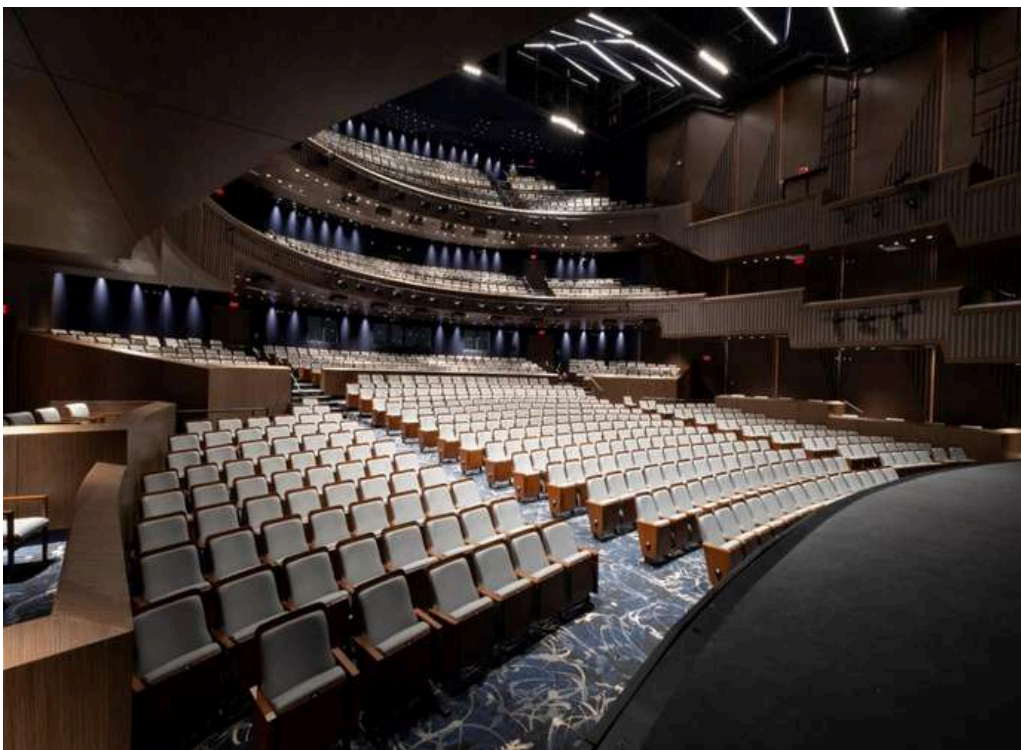


Vibration test

### Introduction Our Works

## Circuit Makati Samsung Performing Arts Theater

Developer: Ayala Land  
 Lighting Design: CSLDI  
 Philippines





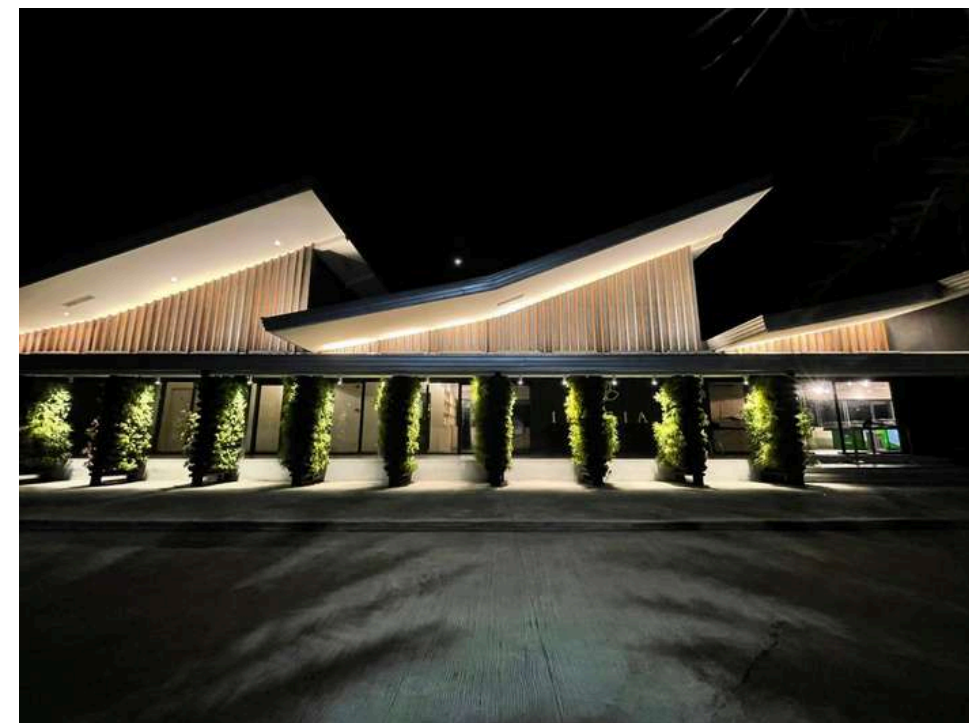
## Greenbelt 3 Renovation

Developer: Ayala Land  
Lighting Design: CSLDI  
Philippines



## Idesia Dasmaringas

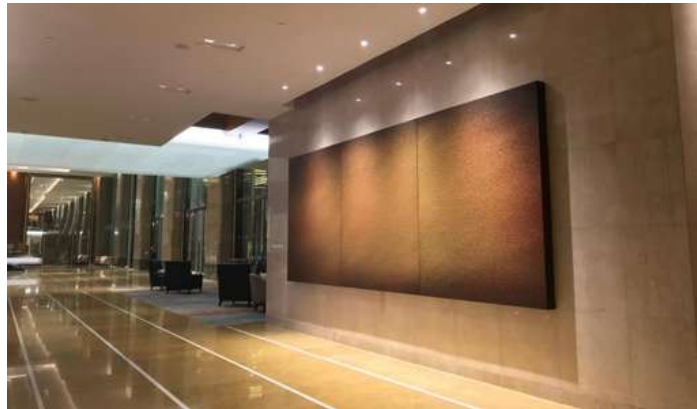
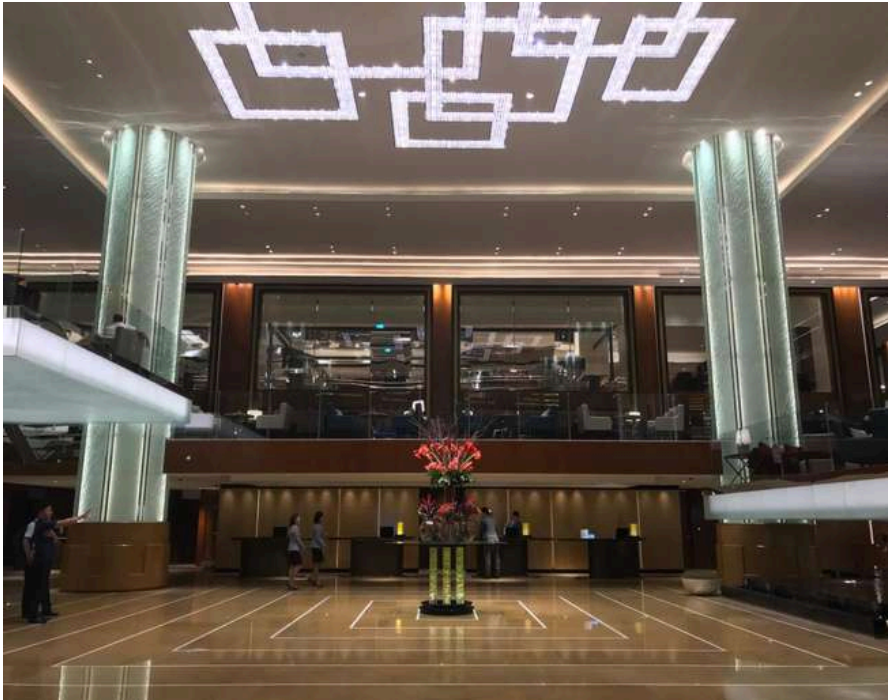
Developer: PA Properties Hankyu Hanshin  
Philippines





# Grand Hyatt Manila

Developer: Federal Land  
Lighting Design: dpa lighting  
consultants Philippines



Introduction Our Works

# Ayala Malls 30th

Developer: Ayala  
Land Philippines





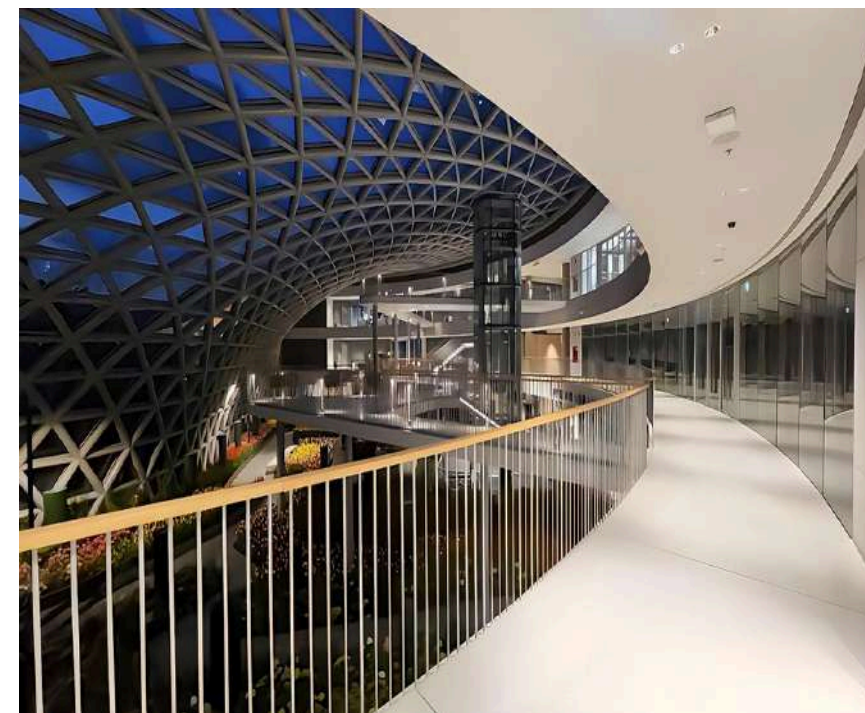
# The Proscenium Residences at Rockwell

Developer: Rockwell Land  
Lighting Design: CSLDI Philippines



# PTT LNG Exhibition hall

Lighting Design: LD49 Thailand

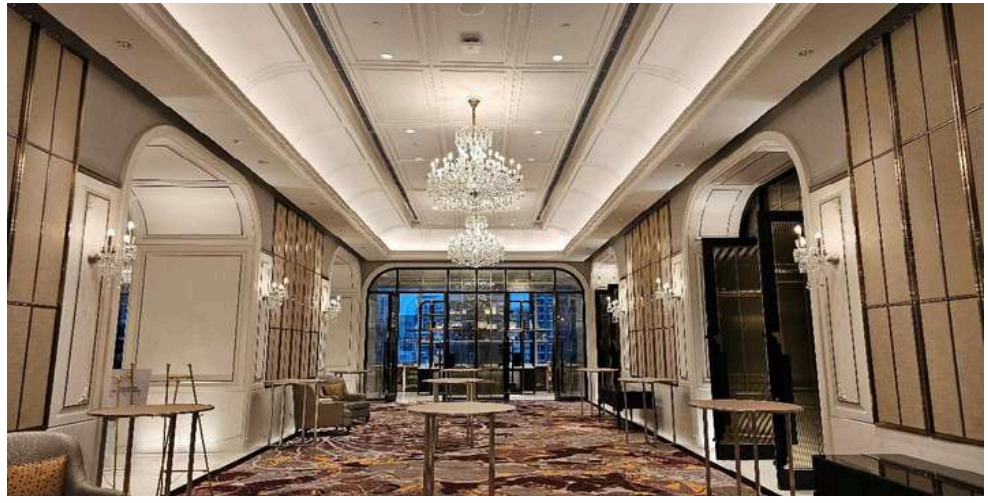






### THE UNICORN

Lighting Design: BO STIBER LIGHTING DESIGN Thailand Thailand



### true icon Hall

Lighting design: WITH LIGHT Thailand





# CENTRAL EMBASSY

Lighting Design: Inverse  
Thailand



# Bangkok National Museum

Lighting Design: FOS  
Thailand





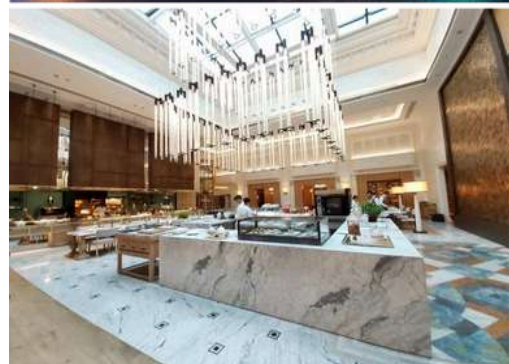
# KINOKUNIYA CENTRAL WORLD

Lighting Design: Light Collab  
Thailand



# Rosewood Yangon

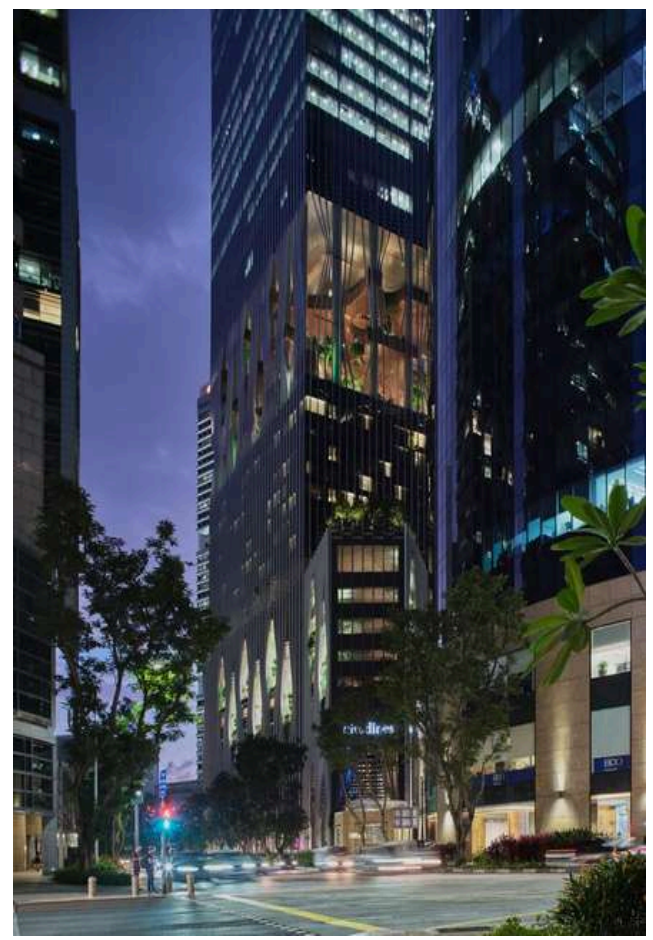
Lighting Design: Dazzle Myanmar





# Capita Spring

Lighting Design: Nipek Singapore



# National University of Singapore

Lighting Design: Lighting Planners Associates Singapore





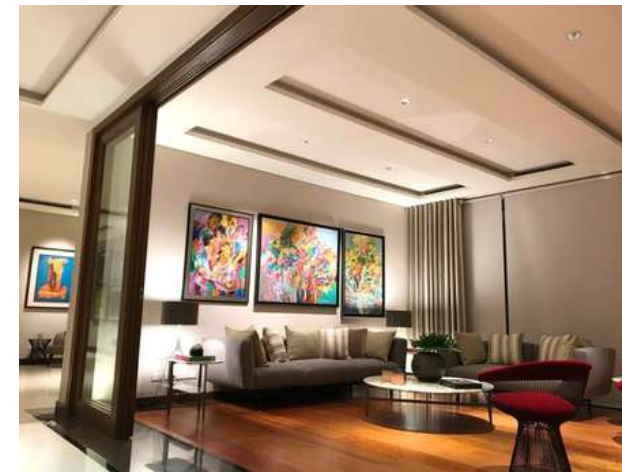
# Private Residence

Lighting Design: Light COLLab  
Singapore



# Various Residence Projects

Philippines





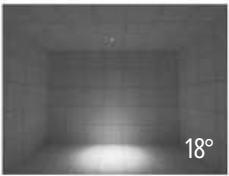

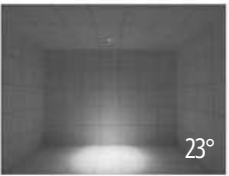

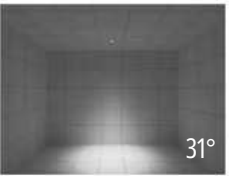




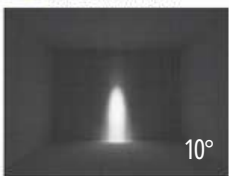





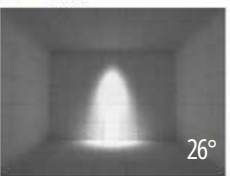

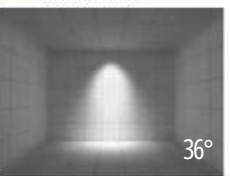








# GLARE-LESS MINI50 *Refined*



*Wider range of selections, Improved usability  
Suitable for Hospitality and Residential projects*

## Wide selections of beam, power, cone finish

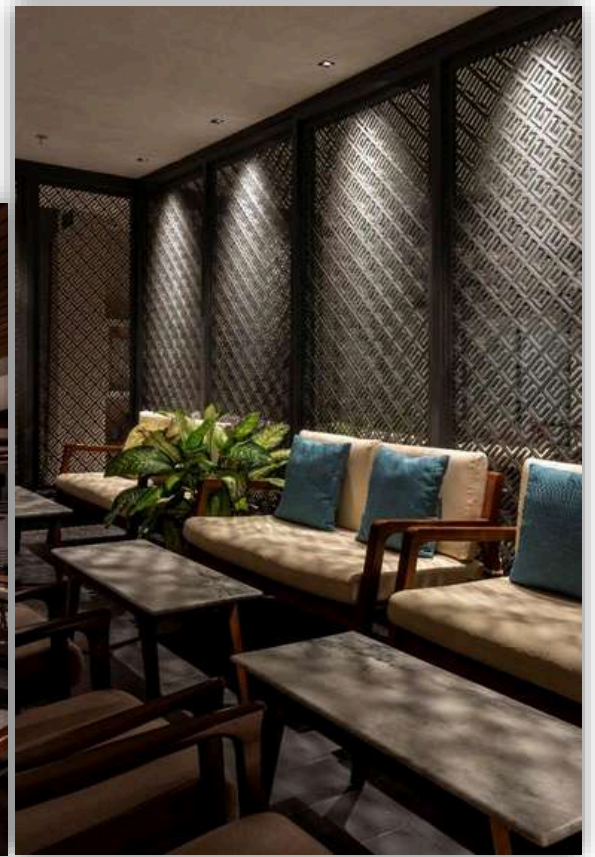
|  |   |   |   |  |   |   |
|--|---|---|---|--|---|---|
| <p><b>Fixed</b></p>        | <p> <b>NARROW</b></p>  <p>18°</p>           | <p> <b>MIDDLE</b></p>  <p>23°</p> | <p> <b>WIDE</b></p>  <p>31°</p>   | <p> <b>SUPER WIDE</b></p>  <p>44°</p> | <p><b>GLARE-LESS MINI50</b><br/><i>Refined</i></p>  |   |
| <p><b>Adjustable</b></p>   | <p> <b>NEW SUPER NARROW</b></p>  <p>10°</p> | <p> <b>NARROW</b></p>  <p>18°</p> | <p> <b>MIDDLE</b></p>  <p>21°</p> | <p> <b>WIDE</b></p>  <p>26°</p>       |   | <p> <b>SUPER WIDE</b></p>  <p>36°</p> |
| <p><small>*700 TYPE Super Narrow unavailable.</small></p>  |   |   |   |  |   |   |
| <p><b>Wall washer</b></p>  | <p> <b>UPPER WALLWASHER</b></p>             | <p><b>Power Range</b><br/> <b>300TYPE / 6.5W</b><br/> <b>500TYPE / 10.2W</b><br/> <b>700TYPE / 14.2W</b></p>  |   |  | <p><b>Cone finish</b></p> <ul style="list-style-type: none"> <li> <b>Mirror</b></li> <li> <b>White</b></li> <li> <b>Black</b></li> </ul> |   |



## Café Bobs

Lighting Design: CSLDI

Philippines, Negros Occidental



## BalmoriSuites Model Unit

Lighting Design: CSLDI Philippines, Manila





# Siam Paragon

full renovation

Lighting Design: WITH LIGHT  
Thailand



## MR16 pinhole *Refined*



Flat Pinhole



Conic Pinhole

*Fine appearance & good lighting effect*



Various Façade & Landscape lighting projects



# Synca

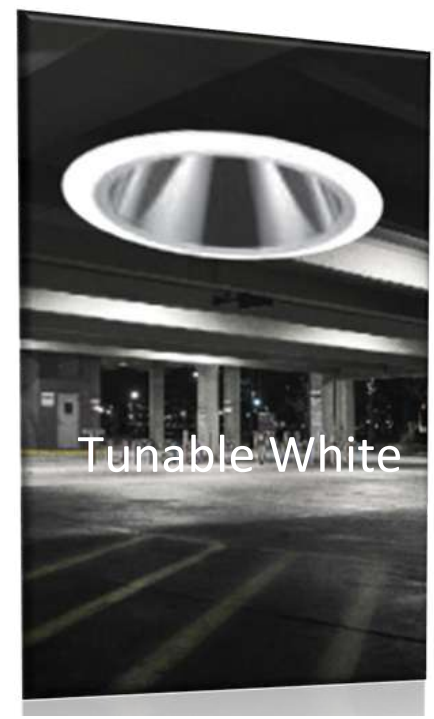
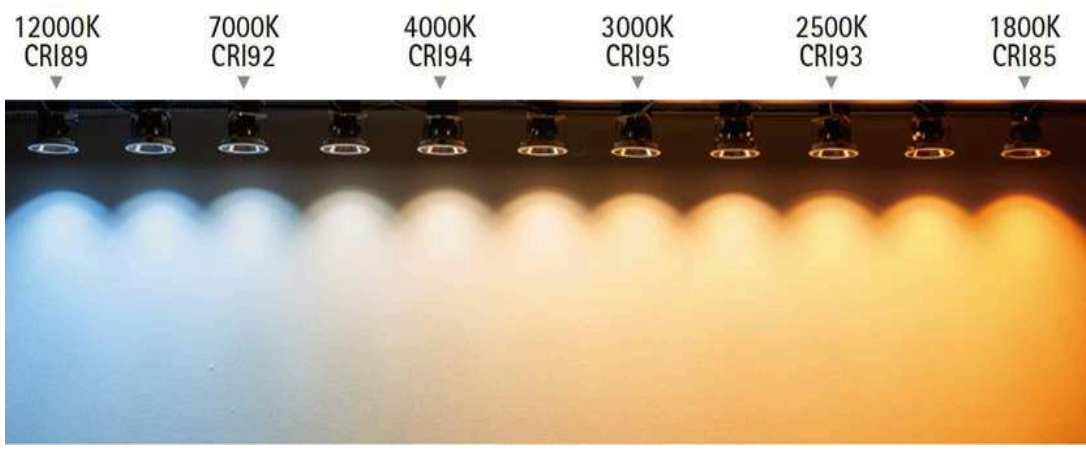
*Beyond the Tunable White,  
control lights to you heart's desire*



### Feature 1

# Natural Light *Wide color temperature range from 1800K to 12000K*

Common "Tunable White"  
6500K - 2700K



### Feature 2

# Natural Light *High CRI across various color temperature*

Synca



Common LED (CRI82)



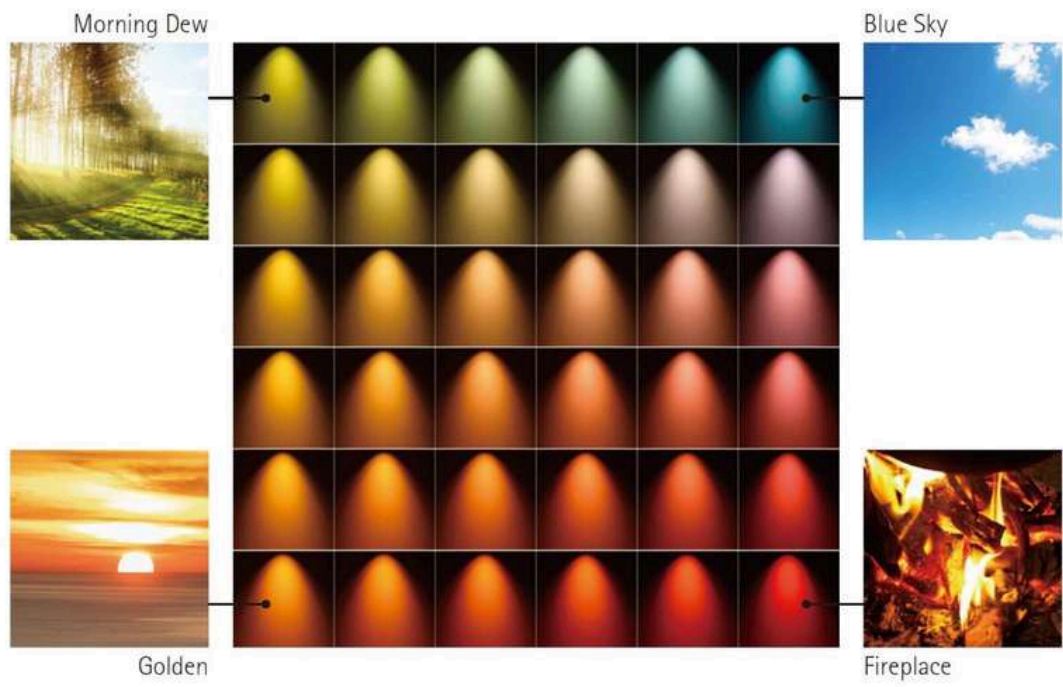
|        |  |       |
|--------|--|-------|
| 12000K |  | CRI89 |
| 10000K |  | CRI90 |
| 6500K  |  | CRI92 |
| 5000K  |  | CRI93 |
| 4000K  |  | CRI94 |
| 3500K  |  | CRI95 |
| 3000K  |  | CRI95 |
| 2700K  |  | CRI94 |
| 2500K  |  | CRI93 |
| 2200K  |  | CRI91 |
| 2000K  |  | CRI89 |
| 1800K  |  | CRI85 |

**CRI - Color rendering Index**  
 CRI (Color rendering Index) - LED lights produce a score of 80 to 90+ on the chart brighter but more natural, accurate output of light



### Feature 3

# 121 Colors *Pale tone colors replicate natural phenomenon and seasons*



### Feature 4

# *Comprehensive line-up of indoor and outdoor*



GLARE-LESS



LINEAR32



Spotlight



Cylinder Spotlight



Strip Light INDOOR/OUTDOOR



High Power Spotlight



# Circadian Lighting

## Hibiya Fort Tower

Category : Grade A Office Lounge Location : TOKYO CBD



# Color Lighting

## METALISM HanedaInnovation City

Category : Showroom Location : TOKYO

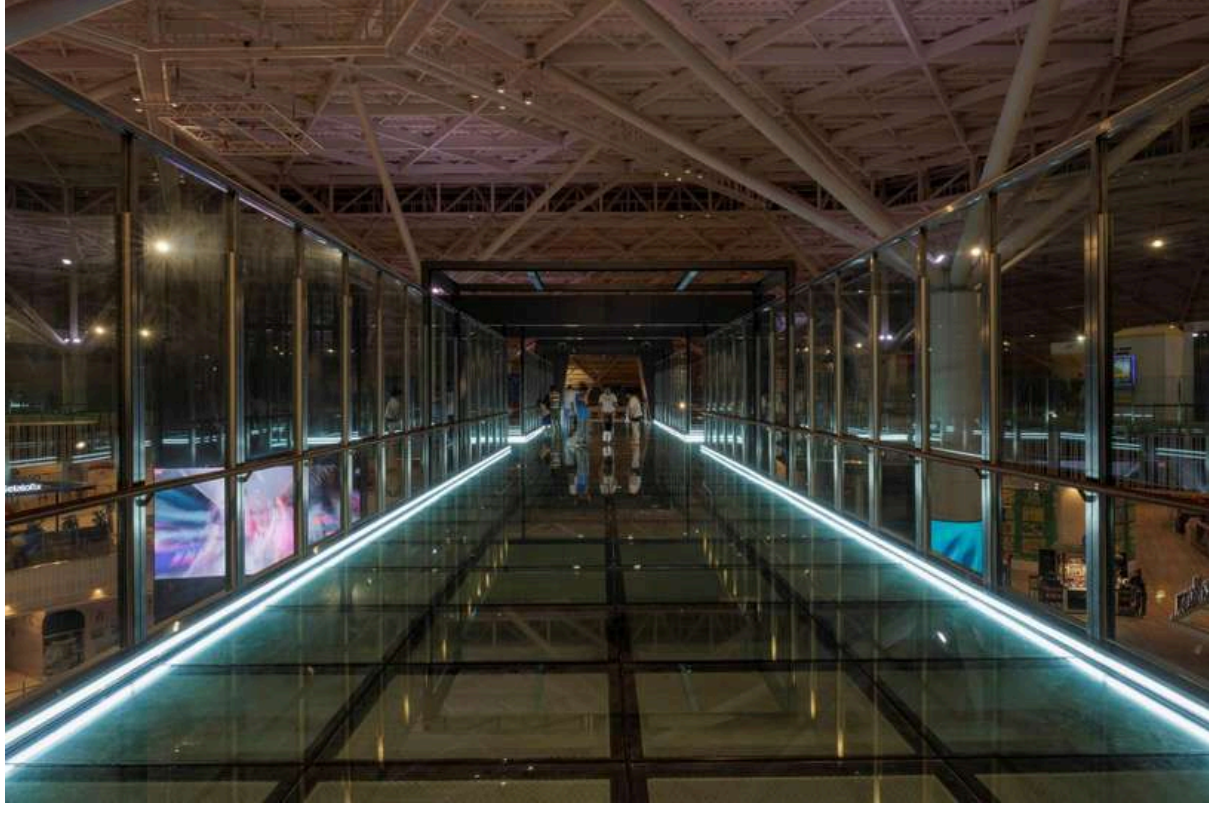




# Color Lighting

## AEON MALL Mean Chey

Category : Shipping mall  
Location : Phnom Penh



# Color Lighting

## YanmarTokyo "HanasakaSquare"

Category : Office Lounge  
Location : TOKYO CBD





# Circadian & Color Lighting

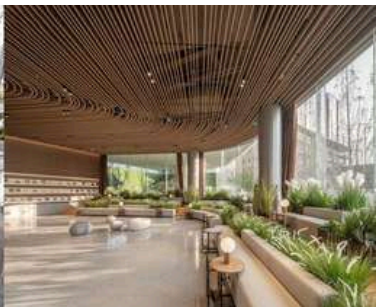
*ENDO Philippines showroom*

*Category : Showroom  
Location : Manila*

- Morning*
- Late afternoon*
- Evening*
- Night*
- Bar*
- Netflix*
- Relax/Meditation*
- Party*

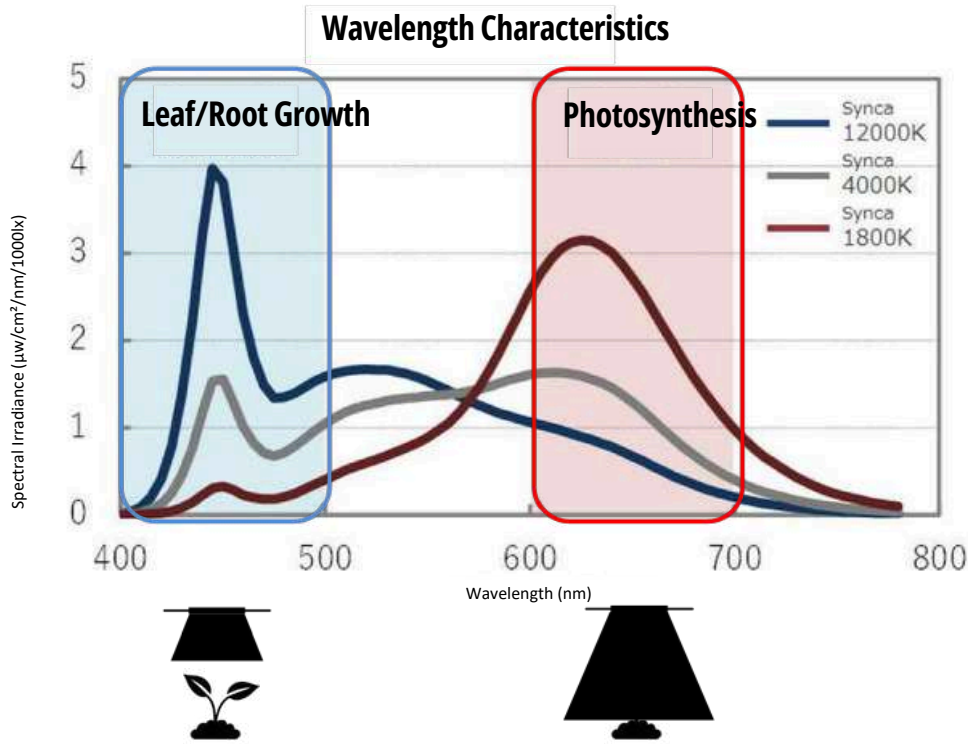


# Biophilic Design





# Synca's wavelength helps plant grow



|        |  |       |
|--------|--|-------|
| 12000K |  | CRI89 |
| 10000K |  | CRI90 |
| 6500K  |  | CRI92 |
| 5000K  |  | CRI93 |
| 4000K  |  | CRI94 |
| 3500K  |  | CRI95 |
| 3000K  |  | CRI95 |
| 2700K  |  | CRI94 |
| 2500K  |  | CRI93 |
| 2200K  |  | CRI91 |
| 2000K  |  | CRI89 |
| 1800K  |  | CRI85 |

## Circadian & Biophilic Lighting

U/X Lab @ ENDO Tokyo Office

Category: Office tenant area

Location: Tokyo





# Circadian & Biophilic Lighting

## MITSUBISHI ESTATE THAILAND Entrance

Category: Office tenant area

Location: Tokyo

- Early Morning 12000K*
- Morning 7000K*
- Afternoon 4000K*
- Evening 3200K*
- Night 2400K*
- Office 1800K*



# Circadian & Biophilic Lighting

## UPI Omotesando

Category: Camping Goods Retail Shop

Location: TOKYO





# How to operate?



## Smart LEDZ SYSTEM



# How to start?

### STEP. 1

Simply install the lighting fixtures as usual



### STEP. 2

Using a cellphone to set up your favorite scenes



### STEP. 3

You are ready to control lightings with scene selectors

