

**FULICO**  
LIGHTING FOR THE FUTURE

루젠  
**LUGEN**

**ASTRO**

# Company Profile

2020.02.20

HYUNDA ENG Co., Ltd  
**HYUNDA  
ENG**

# C O N T E N T S

## 1. Profile

- Company Summary
- Mission and Vision
- Organization
- Yearly Revenue History
- Mid – and Long – term Growth Targets

## 2. History and Certificates

- Company History
- Commendation and Award
- Certificates
- Intellectual Property

## 3. Business Areas and Products

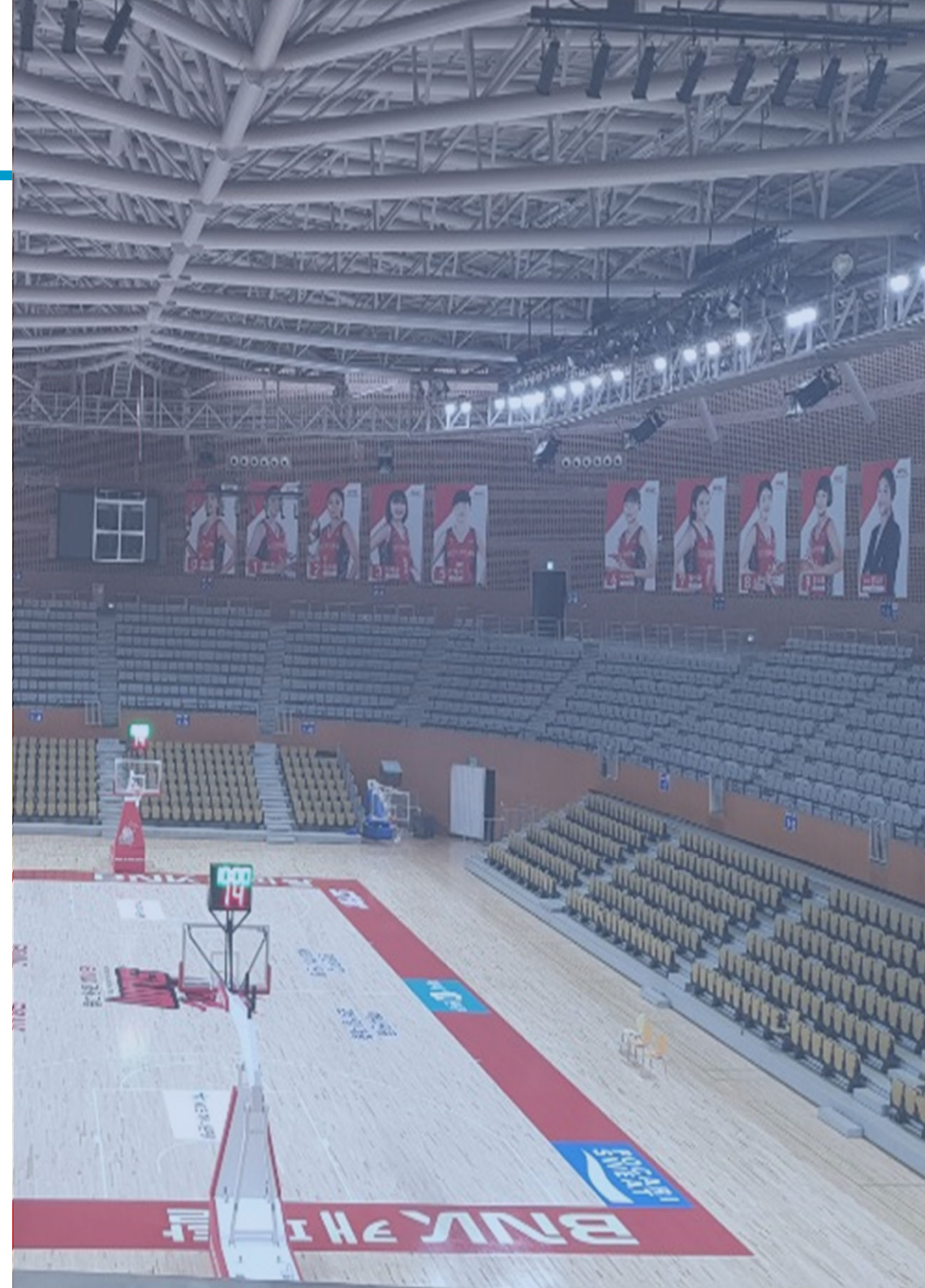
- Key Products
- Business Areas
- LED Luminaire
- Electrical Construction
- Automatic Control

## 4. Supply and Construction history

- Supply
- Construction
- Installation References

## 5. Others

- Exhibition
- Contact



# 1. Company Introduction



# 1. Company Intro

## Summary

- Name: HYUNDA ENG Co.,Ltd
- Brand :   
- CEO: KIM SUNG HUN
- Foundation : 2003. 05. 13
- Business Number: 113-86-25179
- Capital : \$ 300,000
- Land : 2,931㎡ (888.2PY / 3,599㎡ (1,091PY)
- Business type: Manufacturing, Construction, Distribution, & Retail
- Item: Electrical Supply Equipment and Control, Street Lighting, Clean-room Luminaire
- Employees: 40
- Location: 26-93 (GoJan-dong), Namdongdong-ro, Namdong-gu, Incheon, S. Korea
- Phone : 82-32-815-4866
- Fax: 82-32-815-4864
- Homepage : [www.hyundaeng.co.kr/](http://www.hyundaeng.co.kr/)
- Production : Office → LED Luminaire, General Lighting  
Industrial → Highbay, Security, Flood Lighting  
Outdoor → Grass, Park, Street, Tower, Wall Lighting  
Clean-room → TD Lighting, LED Luminaire, LED Explosion-proof Lighting, Blind Panel Luminaire
- Business areas : Lighting → LED Sports Lighting, Indoor Lighting, Clean-room Lighting  
Electrical Construction → Electrical, Automatic Control, Lighting Construction  
Electrical Automatic Control → Automatic Control System, Air-conditioning System

# 1. Company Intro

## New Head office, SeJong TechValley

### (1). Planning

- . Lots sales date : 2018. 07
- . Contract date : 2018. 10
- . Construction beginning date : 2019. 12
- . Construction ending date : 2021. 05
- . Production equipment completion : 2021. 06
- . Move-in and Production start date : 2021. 07

### (2). New office construction

- . Location : 4-3-1-2 Bloc, Choemdan Saneop-danji, 4-2 Seangwhalgwon, Sejong City, S. Korea
- . District : Advanced industrial business area
- . Land size : 1,894.92m<sup>2</sup> (573.21 PY)
- . Construction size : 6 ground floors with underground floor,
- . Purpose: Office, Production
- . Gross size : 7,077.83m<sup>2</sup> (2,141.04 PY)
- . Ground gross size : 5,557.19 (1,681.05 PY)
- . Construction size : 1,020.18m<sup>2</sup> (308.60 PY)
- . Building to Land ratio : 53.84% (law : 60%)
- . Floor area to site ratio : 293.26% (law: 300%)
- . Parking lot : 47 cars (law : 43 cars) / 109.3%
- . Architectural land : 15% of total land size
- . Heating type : Local cooling/heating supply installation
- . Building structure : Steel concrete structure

# 1. Company Intro

Video Clip for Hyundai ENG Intro

Hyunda ENG

# 1. Company Intro

## Vision and Mission



# 1. Company Intro

## 2019 Business target and Strategic projects

### 2019 Business target

✧ Sales \$ 18 Millions

---

✧ Profit 8%

---

✧ Customer satisfaction through Quality improvement

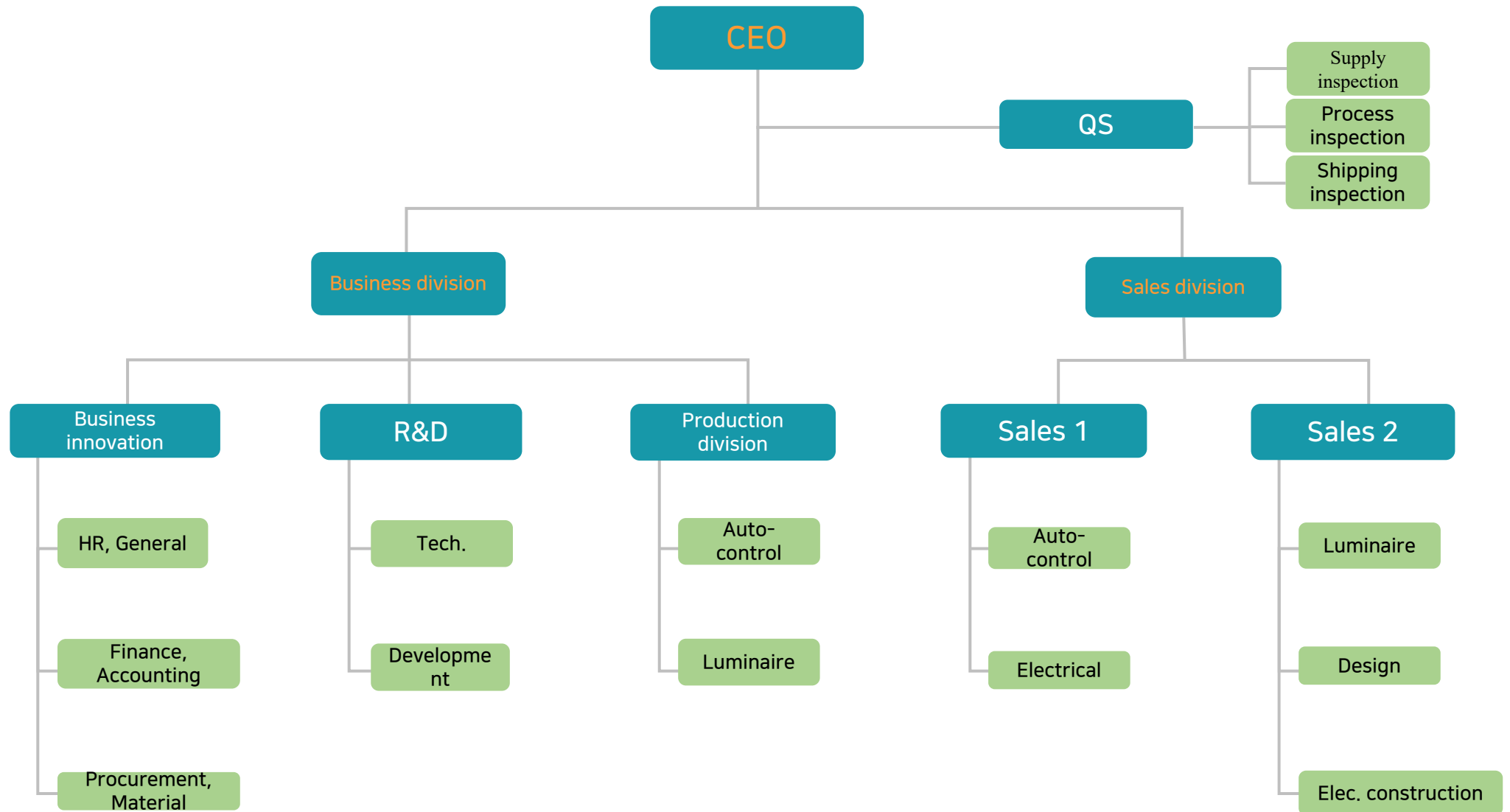
---

### Key projects

1. Sales expansion and stabilization
2. Recognized as excellent product manufacturer from Korean Public Procurement Services
3. Activation of product development and proposal system
4. Saving revenue costs and business expenses
5. Zero of customer complaint
6. Improvement and optimization of production line
7. Divisional innovation activities

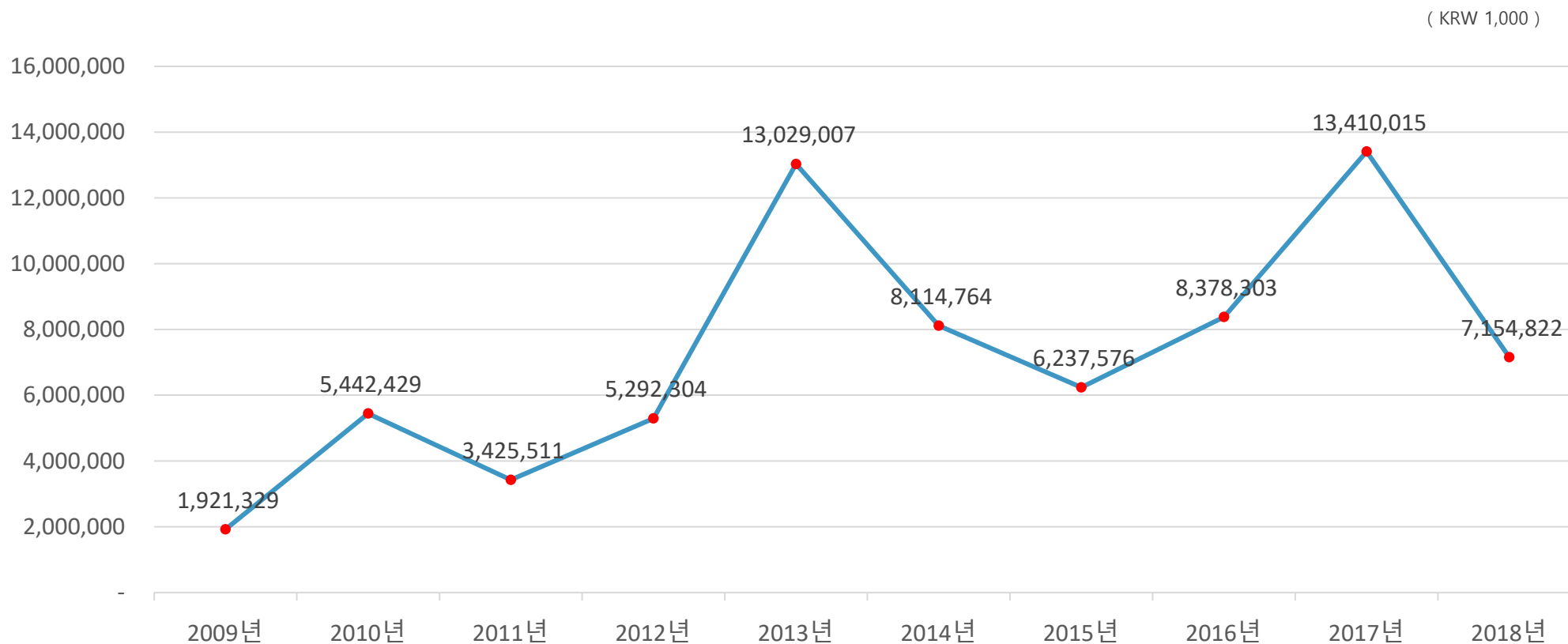
# 1. Company Intro

## Organization



# 1. Company Intro

## Yearly sales record

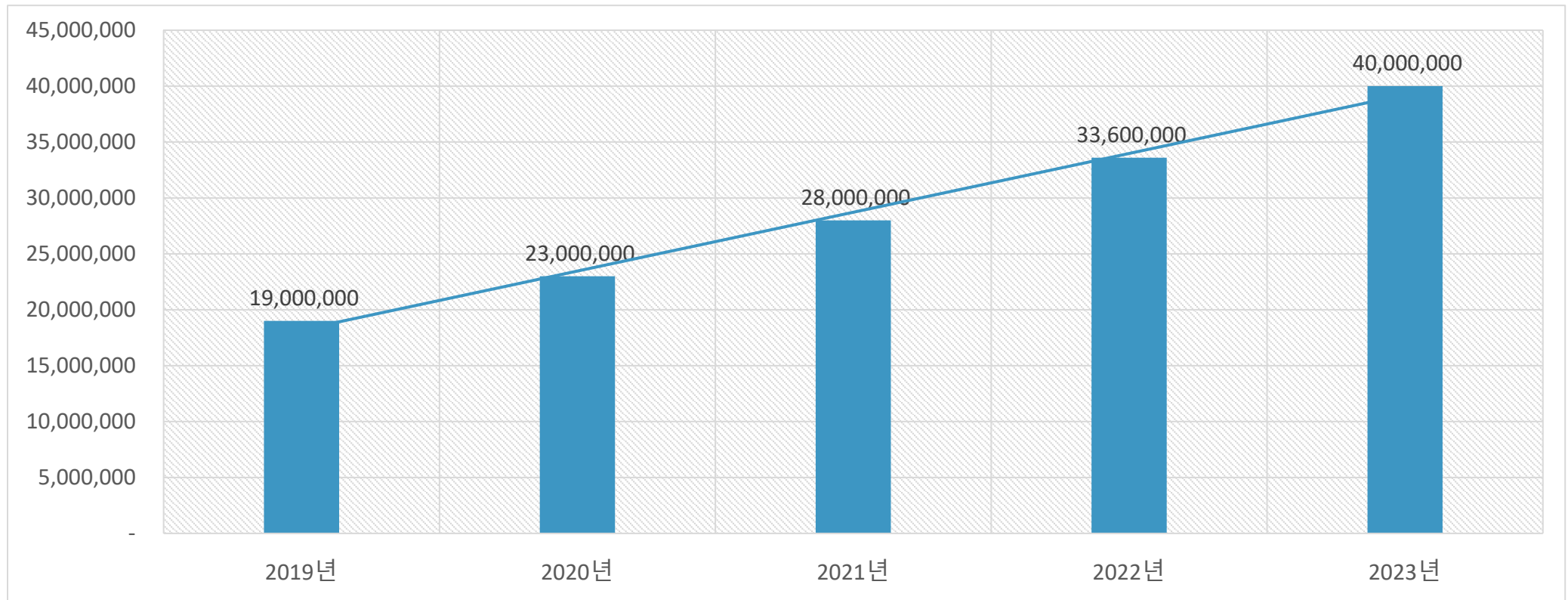


Item	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Rev.	1,921,329	5,442,429	3,425,511	5,292,304	13,029,007	8,114,764	6,237,576	8,378,303	13,410,015	7,154,822
Y to Y		183.3%	-37.1%	54.5%	59.4%	-37.7%	-23.7%	34.3%	60.1%	-46.6%

# 1. Company Intro

## Mid— and Long—term targets

( KRW 1,000 )




Item	2019	2020	2021	2022	2023
Rev.	19,000,000	23,000,000	28,000,000	33,600,000	40,000,000
Y to Y		21.0%	21.7%	20.0%	19.0%

## 2. History and Certificates


## 2. History and Certificates

### Company history

- 
- 2003 7 Foundation, Hyunda ENG (Siheung, Seoul)
  - 2005 12 Certificate of INNO-BIZ  
7 Head office relocation (Guro Digital)
  - 2006 7 New factory (Sinchon-ri)
  - 2007 12 Certificate of INNO-BIZ  
9 R&D Center  
5 Registration of Venture business
  - 2008 12 Certificate of ISO 9001 & 14001  
10 Corporate registration as Hyunda ENG  
9 Singapore office  
8 Factory movement (Siwha district)  
6 Certificate of Clean-room Tear Drop Lighting B-Type(HDL-B-8002) UL  
5 Certificate of Part Material-Specialized Enterprise
  - 2009 5 Singapore sales office -> Hyunda Singapore
  - 2010 7 USA Sales office  
3 Design registration of recessed ceiling luminaire  
1 Establishment of Hyunda ENG Logistics division (Cheon-Ahn)


## 2. History and Certificates

### Company history

- 
- 2011
    - 6 Registered as specialized enterprise for new-renewable energy equipment installation Siwha factory
    - 5 Registration of electrical construction business
  - 2012
    - 12 Elbow type SCN connector utility model registration, Rights offering, Re-capita
    - 11 Clean-room FFU controller design registration
    - 10 Clean-room LED Tear Drop Lighting B-Type (HD-TDL-B) UL certificate
    - 7 Factory expansion and registration (Siwha)  
Registration of foreign construction business
    - 6 Registered as specialized enterprise for new-renewable energy equipment installation Siwha factory
  - 2013
    - 11 KS certificate of fluorescent fixture
    - 2 Head office, factory, Cheon-Ahn office movement (Incheon), Hyunda ENG Singapore closing
    - 1 Elbow type SCN connector design registration  
Recessed and Fixed type LED Luminaire for KS certificate and High-efficiency certificate
  - 2014
    - 12 Recognized as Incheon Vision-enterprise
    - 8 Contract of NeoNeon Korea business
    - 5 Awarded Quality-Business Excellent Enterprise by Incheon City Mayor (CEO)
    - 2 Certificate of Main-Biz

## 2. History and Certificates

### Company history

- 
- 2015**
- 11 Awarded National Quality Competition from the Ministry of Trade, Industry and Energy
  - 6 Awarded Quality-Business Excellent Enterprise (Executives and employees)
  - 4 Patent of Water-proof luminaire
  - Received Award from Incheon District SMB
  - Patent of LED Luminaire Frame
- 2016**
- 11 High-bay, Flood Lighting, Sports Lighting: 80W~1200W Line set-up
  - 7 Registration of Brand (  )
  - 3 Operation of Work-Study Parallel Model
- 2017**
- 11 Received National Quality Competition Award from President
  - 9 KS Certificate of LED Sensor Luminaire and Flood Lighting
  - Registered Indoor and Sports lighting (16 items) as Public Procurement Product
  - 5 Patent of LED Luminaire with Anion-Activator
  - Registered 2 designs for Street Lighting
- 2018**
- 12 Developed Explosion-proof lighting (Astro)
  - Registered Sports lighting and Outdoor lighting (26 items) as Public Procurement Product
  - 10 Received Eco-friendly certificate mark
  - 8 Factory expansion (Namdong National Industrial District)

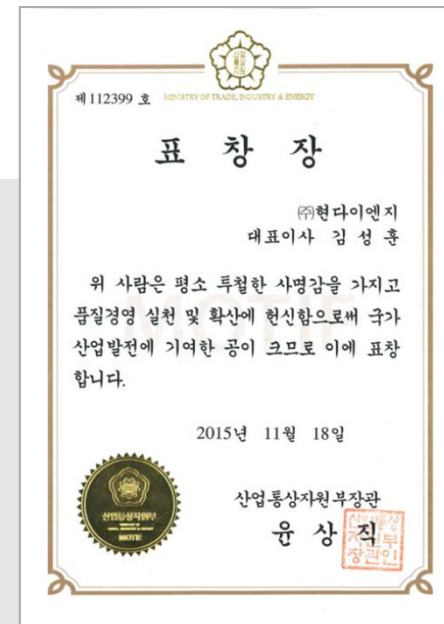
## 2. History and Certificates Commendation and Award



Korean President Award



Incheon Mayor Award



Award from Korean  
Ministry of Trade, Industry  
and Energy



Award from Incheon  
District SMB Office

## 2. History and Certificates

### Certificates



- ISO 9001 / ISO 14001
- Electrical construction/ Industrial design
- Enterprise R&D
- INNO-BIZ
- MAIN-BIZ
- Venture Enterprise
- Incheon Vision Enterprise
- Incheon Promising SMB
- KC PRODUCTS
- Excellent Technology Enterprise
- Electrical Contractor
- Material Parts Specialty Enterprise
- Rising Star Enterprise

### - Energy Efficiency Certificates

- ㉠. Flood lighting  
Round flood 50W and 21 items
- ㉢. Indoor luminaire  
Edge Flat-Panel and other 17 items
- ㉣. Street lighting  
Security lighting 50W and other 10 items



### - KS Certificates

- LED Flood lighting
- LED Recessed and Fixed luminaire
- LED Street and Security lighting
- LED Sensor luminaire Fluorescent fixture

## 2. History and Certificates

### Intellectual Properties

Total 34 intellectual properties



11 Patents



5 Trademarks



18 Design and Utility Models



4 Copyrights

# 3. Business Areas and Product Introduction

# 3. Business Areas and Product Introduction

## Key Products



Sports Lighting  
50W-1200W



Air Purification Luminaire  
34W



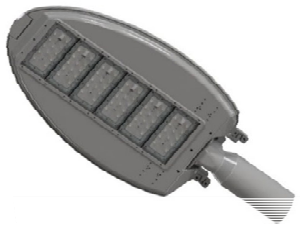
Room Lighting  
30W-40W



Clean-room Lighting, Upper  
side open-type 60W



Edge Lighting  
25W-50W



Security, Street Lighting  
50W-150W



Explosion-proof  
30W-150W



Down-light  
8W-15W



Clean-room Lighting T-BAR  
30W



Race Way  
18W-30W



Automatic Control System

# 3. Business Areas and Product Introduction

## Business Areas



Since founded in 2003, Hyundai ENG has been the very dynamic enterprise making rapid strides every year, pursuing mutual trust, persistent efforts and new innovation. Hyundai ENG has diverse businesses in designing, manufacturing and distributing LED sports lighting, indoor lighting, industrial lighting and clean-room lighting luminaire, along with expanding into the green-technology area such as promising item of air-purification LED luminaire.

- Lighting luminaire – LED Sports lighting, Indoor lighting, Industrial lighting, Street lighting, Security lighting, Explosion-proof lighting
- Clean-room lighting – TD Lighting, T-bar, GMP
- Air-purification LED luminaire, LED Flat-panel (vibration-resistant hanger type)
- Architectural lighting – Bridges and Indoor & Outdoor architectural lighting fixtures (Design and Implementation)
- Electric construction – Electrical, Automation-control, Lighting and Solar
- Automation-control system and Air-conditioning system

# 3. Business Areas and Product Introduction

## LED Luminaire Sports Lighting

As the most efficient product, LED Sports lighting can save about 67% of energy by replacing Metal-halide, High-pressure sodium and Halogen lamps, also allowing less eye-glare for eco-friendly environment. It can also be designed with individual beam angle per module and produce excellent lumen effectiveness. The rating-life is more than 30,000 hours and the life-time is 50,000 hours, which is more than 8-10 times of Metal-halide or High-pressure sodium lamps and commanding excellent CRI and efficacy with direct-down lighting.



### ★ Advantages

- Energy saving from high efficacy
- Easy implementation and maintenance with light-slim design
- High trustfulness with efficient heat-dissipation design
- Lower operating temperature with optimal heat-dissipation design
- Factory, Gas station, Harbor, Parks, Airport, Church, Fish-market, Warehouse and other industrial applications
- Easy connection between Body and Cover by Chain and Bracket



200W



300W



600W



600W



1200W

### 3. Business Areas and Product Introduction

#### LED Luminaire Indoor luminaire

LED indoor luminaires can produce soft brightness with wide luminous surface from direct lighting. As a high-efficient energy product, this can save 20-70% energy of fluorescent lamps, without any harmful material. The rating-life is more than 30,000 hours and the life-time is 50,000 hours, which means that LED indoor luminaire is longer life-time than fluorescent lamps by 8-10 times, and commands excellent CRI and high-efficacy with direct and edge-types illumination.

#### ★ Advantages

- Energy saving with high-efficacy
- Soft and less eye-glare brightness with wide lighting-source
- Lower operating temperature with optimal heat-dissipation design
- Indoor, living-room, offices and other indoor space applications
- M-BAR / T-BAR / CLIP-BAR / EDGE types



Explosion-proof



Edge Flat-panel



Living-room lighting



Down-lighting



Race-way



Edge Flat-panel

### 3. Business Areas and Product Introduction



#### LED Luminaire Air-purification luminaire

LUGEN Air-purification is a combination with LED luminaire and air-purifier, making your space more roomy, easier maintenance and producing more pleasant air for every space. Hyunda ENG (LED luminaire specialty) and ShinSung ENG (Air-purification technology) combines their technologies into LUGEN.

#### ★ Filter specification

- Using BLDC Motor and Turbo Fan, LUGEN has separate locations of dust-collection and clean-air emission, achieving high-effective air-purification
- Using H13 HEPA Filter, LUGEN can eliminate 99.95% of 0.3 $\mu$ m fine-dust in inflow air, producing the very clean air
- Not only daily odors, this filter can also remove more than 70% of the five noxious gasses (Ammonia, Acetaldehyde, Acetic acid, Formaldehyde, Toluene)

#### ★ Smartphone wireless control

- Remote controller and APP available for checking amount of fine-dust, temperature, humidity and CO2
- Bluetooth and Wi-Fi control available
- Corporate control and Consolidated-monitoring control available



Item		Specification	
Exterior size	Chamber part(mm)	1,195 X 309 X 135(H)	
	Lighting part (mm)	1,280 X 340 X 30 (H)	
Weight		10.0	
Application area	Purification capability(CADR)	33m <sup>3</sup>	
Wattages	Purifier(W)	20(AC 220V)	54
	Lighting (W)	34	
Lighting	CCT (K)	5,700	
	Lumens (lm)	4,322	
Filter	Dust	HEPA(H13)	
	Noxious gas	80% + eliminated	

### 3. Business Areas and Product Introduction

#### LED Luminaire Outdoorluminaire

The architectural outdoor luminaire can provide an image of space, a marketing effect by recent and a symbol of landmark. Our LED outdoor luminaire differentiates ourselves with the most beautiful illumination and the comfort warm-white (2200K) replacing metal-halide or sodium fixtures. Especially Hyunda ENG's LED security lighting and street lighting have the unique designs of slim heat-dissipation and the high efficacy, providing diverse color temperatures of 3000K, 4000K, and 5700K.



Flood lighting  
2200K



Security lighting



Security lighting



Street lighting

### 3. Business Areas and Product Introduction

#### LED Luminaire ➡ Clean-room luminaire

With years of experience in clean-room design and construction, Hyundai ENG provides the unique technology of clean-room luminaire with diverse types for any application. With replacing FL 32W lamps with TD-LIGHTING or T-BAR, you can save 30-45% energy and use more than 10 times longer. By directly applying into existing fluorescent fixtures, you do not need replace whole fixture and enjoy the aesthetic aspect of the lighting luminaire.



#### ★ Advantages

- High energy saving product with less energy consumption than fluorescent fixture
- High efficient product for energy saving
- Direct lighting producing high efficacy, high CRI and aesthetic design
- FLAT / ROUND COVER- both design available
- RACEWAY / PENDENT / DIRECT TYPE



GMP



EL 1206, 1212

TD LIGHTING  
T-BAR

### 3. Business Areas and Product Introduction

#### LED Luminaire Special Luminaire

Unlike general lighting fixtures, LED Explosion-proof lighting can be used to provide safe working-environment, in such dangerous applications as chemical factories, gas station, and industrial mining sites, all of which handle explosive, combustible, and noxious materials.



Explosion-proof  
lighting

### 3. Business Areas and Product Introduction

#### LED Luminaire Special luminaire

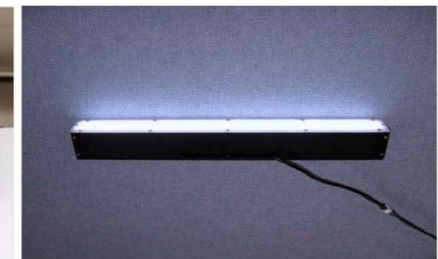
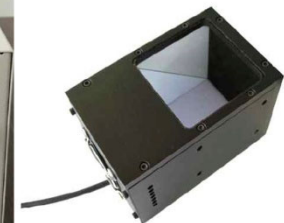
##### ★ Grow—lighting

This provides the red and the blue spectrums necessary for photosynthesis, helping rapid vegetation. Designed as flood lighting type, this can also be used not only in vegetable-growth factories, but also in outdoor grass fields.



##### ★ Inspection—equipment lighting

The inspection-equipment lighting can be designed and manufactured per specific on-site requirement. With long life-time and safety with high-wattages, this lighting can provide uniform illumination by high-brightness LED chip. Additionally this lighting can be customized with many applications like brightness-control and auto speed-control, depending on on-site environment.



# 3. Business Areas and Product Introduction

## Electrical construction

Hyunda ENG's in-depth specialties are;

- Electrical and auto-control areas for clean-room and air-conditioning
- Electrical technology, manufacturing and logistics for clean-room lighting, general LED lighting, diverse electric/industrial materials, and solar parts/system

Additionally, Hyunda ENG has accumulated its technologies and experiences in clean-room, air-conditional system, semi-conductor factories, and buildings for domestic and overseas sites.

Hyunda ENG has developed the unique construction flow: R&D of electrical materials and construction technology → construction HR management → construction and material quality management → construction site and process management → post-construction management, with which we are realizing the most capability and high-level of specialty to guarantee customers' satisfaction and service quality.

크린룸  
조명 공사



전기공사



태양광 공사



자동 제어  
계장공사



# 3. Business Areas and Product Introduction

## Automatic control

### System concept

In order to efficiently manage FFU for maintaining the cleanness in clean-room, this efficient, automatic-control system provides 1) both operation/stop and inspection of each unit, and 2) safe-protection of and trip-track in clean room, in case of electrical and mechanical fails, by instant trip function.

### System uniqueness

Customized in designing and manufacturing for user's easy, convenient operation and maintenance.

### System configuration

Installed with LCU (Local Control Unit) and MBB (Motor Breaker Box) attachable to FFU, along with MCU (Multi Control Unit) and PLC (Program Logic Control) to control LCU and MBB, this automatic control system also includes S/W of HMI and MMI to control the above parts from other control rooms, which can help user to inspect and operate a whole system.



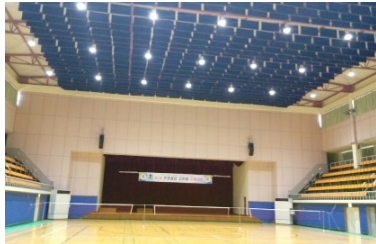
## 4. Supply and Construction Records

## 4. Supply and Construction Records

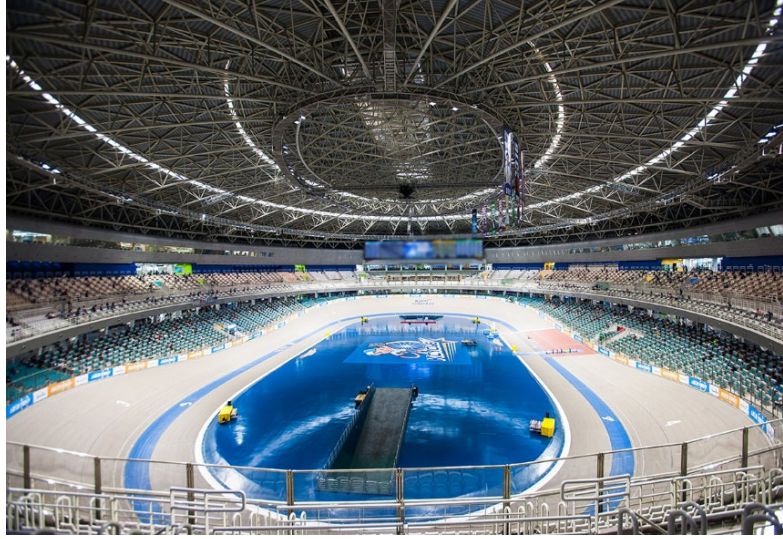
### Installation sites



Song-do cultural park



Gun-san indoor stadium



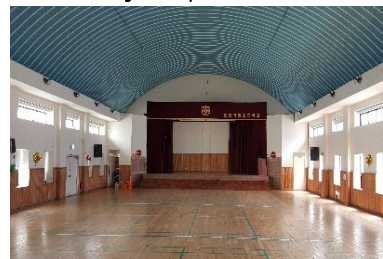
Gwang-myung horse race



Kim-je soccer field



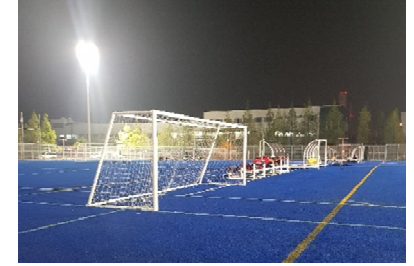
Dea-jeon public tennis court



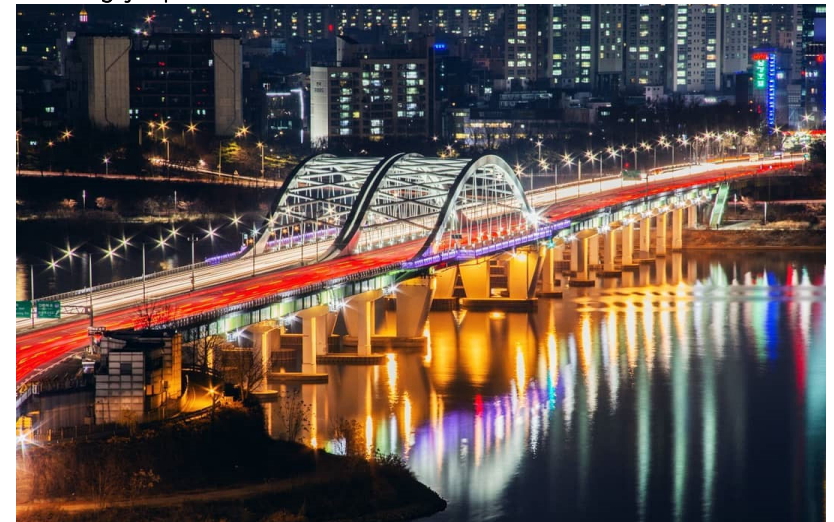
Incheon elementary  
school gym



Kang-jin public tennis court



Song-do stadium



Yang-wha bridge in Seoul



Cheon-ahn YOO  
indoor stadium



International logistic  
warehouse

# 4. Supply and Construction Records

## — Supply history

### 2004

Supplied FFU Controller for BOE OT B1 in China  
 Supplied FFU Controller for Samsung Elec.  
 Supplied FFU Controller for KOHYUN

### 2005

Supplied LCD Loader for BOE in China  
 Supplied FFU Controller for DS LCD  
 Supplied FFU Controller for JiCell ENC

### 2006

Supplied TD Lighting for POSTECH  
 Supplied Inverter Panel for ShinSung ENG  
 Supplied Control Panel for ShingSung ENG  
 Supplied TD Lighting for Samsung project in Austin, US  
 Supplied TD Lighting for Samsung Techwin Changwon factory  
 Supplied TD Lighting for Samsung Pusan factory  
 Supplied TD Lighting for Samsung ChunAn factory  
 Supplied TD Lighting for Hynix Semi-conductor factory

### 2007

Supplied TD Lighting for AES Korea  
 Supplied TD Lighting for PSK factory  
 Supplied BFC Controller for Samsung Slovakia  
 Supplied EFU321 for Samsung Corning  
 Supplied FFU Controller for JiCell ENC  
 Supplied TD Lighting A Type for JiCell ENC  
 Supplied TD Lighting A Type for NanoPam  
 Supplied FFU Controller, TD Lighting for Samsung factory in Austin, US  
 Supplied TD Lighting A Type for NanoPam  
 Supplied FFU Controller Hynix factory in China  
 Supplied TD Lighting for DeaJin Univ.

### 2008

Supplied LCD line automatic-control panel for Samsung Elec.  
 Supplied LCD electrical parts for LGPhilips  
 Supplied FFU Controller and electrical parts for Samsung factory in Austin, US  
 Supplied SMART I/O Panel for SukMoon ENG

### 2009

Supplied TD Lighting A Type JiCell ENC  
 Supplied TD Lighting A Type for Cleanfactomation  
 Supplied TD Lighting A Type for Fairchild  
 Supplied, OUH, GF Project Power Panel & Power Tray, DUCT for Rolls-Royce  
 Supplied Materials for BITEXCO Project in Vietnam  
 Supplied FFU Controller, TD Lighting for Samsung factory in Austin

### 2010

Supplied FFU Controller for Samsung Austin's SATURN Project in US  
 Supplied GF Project Turn Table for Rolls-Royce  
 Supplied PENTA Lamp for Samsung Austin's SATURN Project in US

### 2011

Supplied FFU Controller, Automatic-controller & electrical parts for Samsung Austin SAS 2<sup>nd</sup> project in US  
 Performed ROLLS-ROYCE, OUH, GF project  
 Supplied Construction Materials for Samsung SMD factory  
 Supplied TD LIGHTING for LGInotek  
 Supplied TD LIGHTING for Fairchild semi-conductor  
 Supplied China Soju MBB 121-3S  
 Supplied LED TD LIGHTING B TYPE for DongWoo Finechem  
 Supplied BLIND LIGHTING for Hoya Electric  
 Supplied LED TD LIGHTING B TYPE for Samsung Elec in Vietnam  
 Manufactured and installed Automatic Panel for Woodo Nausau golf  
 Manufactured and installed Control Panel for SeaHan ENG  
 Manufactured and installed Control Panel for Samsung factory's clean-booth

# 4. Supply and Construction Records

## — Supply history

### 2012

Supplied TD LIGHTING A TYPE for China Soju  
 Performed T-STAR Project Samsung Elec. Austin in US  
 (FFU CONTROLLER, T.D LIGHTING, DUCT, PANEL, HVAC)  
 Supplied LED TD LIGHTING A TYPE for DongWoo Finechem  
 Supplied Construction Materials for Samsung Elec. SMD factory  
 Manufactured and installed Control system for Samsung SMD 3,4LINE  
 Manufactured and installed Control system for Samsung SMD PHOTO #14  
 Manufactured and installed Control system for Samsung SMD PI CURE system  
 Manufactured and installed Control system for Samsung SMD Transverse system  
 Manufactured and installed Control system for Samsung SDC 6L  
 Manufactured and installed Samsung SDC T7-2L Automatic-control system  
 Manufactured and installed Samsung SDC T7-7L Automatic-control system  
 Manufactured and installed Samsung SDC Module Automatic-control systems  
 Manufactured and installed Samsung SDC T8 Automatic-control system

### 2013

Manufactured and installed Samsung SMD 3,4LINE Automatic-control system  
 Manufactured and installed Samsung SMD PHOTO #14 Automatic-control system  
 Manufactured and installed Samsung SMD PI CURE Automatic-control system  
**Manufactured and installed Control system for Samsung SMD Transverse system**  
**Manufactured and installed Samsung SDC 6L Automatic-control system**  
**Manufactured and installed Samsung SDC T7-2L Automatic-control system**  
**Manufactured and installed Samsung SDC T7-7L Automatic-control system**  
**Manufactured and installed Samsung SDC Module Automatic-control systems**  
 Supplied LED TD LIGHTING A TYPE for HANWHA CHEMICAL  
 Supplied TD LIGHTING B TYPE for ILJIN  
 Supplied LED TD LIGHTING B TYPE for DONGWOO FINECHEM  
 Supplied TD LIGHTING A TYPE for DIGITECHSYSTEMS  
 Supplied TD LIGHTING A TYPE for TEAKWANG STC  
 Supplied LED Flat-panels and Down-lights for Incheon Catholic University  
 Supplied LED Flat-panels for a Community-center  
 Supplied LED TD LIGHTING A TYPE for Samsung Corning  
 Supplied LED TD LIGHTING A TYPE for ILYa Next

### 2013

Supplied TD LIGHTING A TYPE for ILYa Next  
 Supplied FIC Power Cable for Soju in China  
 Supplied LED TD LIGHTING A TYPE for Samsung Elec.  
 Supplied Electrical Automatic Control system for Guiturami CheonAn  
 Supplied Construction materials for Samsung Elec SMD factory  
**Manufactured and installed SMD PH1 SDC system for Samsung Elec.**  
**Manufactured and installed SMD PH2 SDC system for Samsung Elec.**  
**Manufactured and installed SMD A2 MASK system for Samsung Elec.**

### 2014

Performed Lighting Retrofit and Supplied LED Lighting for **Korea Chamber of Commerce and Industry**  
 Supplied Electrical Construction materials for Incheon Local flea market  
 Supplied Electrical Construction materials (LED Lighting) for Korean National Assembly

Supplied Lighting Fixtures for Local Apartment complex in EumSung  
 Exported TD LIGHTING CLEAN ROOM Luminaire to UAE  
 Supplied TD LIGHTING CLEAN ROOM Luminaire to PaJu ASE KOREA  
 Performed Lighting Retrofit and Supplied LED Lighting for **YoungIl SanGi**  
 Supplied TD LIGHTING CLEAN ROOM Luminaire  
 Supplied TD LIGHTING CLEAN ROOM Luminaire for Samsung Elec. Clean-booth  
 Supplied Panel-typed LED CLEAN ROOM Luminaire for Samsung SMD,LCD factories  
 Supplied TD LIGHTING CLEAN ROOM Luminaire for Ulsan LS Nikko Bronze-processing factory  
 Supplied TD LIGHTING CLEAN ROOM Luminaire for Cleanfactomation  
 Supplied TD LIGHTING CLEAN ROOM Luminaire for Samsung Corning factory  
 Supplied PLC PANEL for Samsung Ki-Heung Line 5  
 Supplied Electrical Auto-control system for Guiturami CheonAn

### 2015

Luminaire Fixtures for Korean Public Accommodation Facility  
 Water-proof Tube-fixtures 100EA for **Korean electric power corporation (KEPCO)**  
 Water-proof Tube-fixtures 265EA and other 5 more items for **Korean electric power corporation (KEPCO)**  
 Consolidated Purchasing Luminaire products (general lamps) for Incheon Airport  
 Provided Lighting Fixtures for Korean National Cultural Center for Asia Cultures

# 4. Supply and Construction Records

## — Supply history

### 2015

Provided and installed Christmas decoration tree for Local government  
 Supplied LED luminaire for Namdongbu Water Supply Office  
 Purchased Remodeling Luminaire for Namdongbu Water Supply Office  
 Manufactured and Supplied Panel-type Luminaire for Samsung C&T Corporation  
 Supplied TD LIGHTING CLEAN ROOM Luminaire for Samsung Corning  
 Manufactured Luminaire for Korean Army Apartment Remodeling project  
 Purchased Luminaire for Local Community Sauna  
 Manufactured and operated Electrical Panel for Purunsol GC  
 Supplied Electrical Auto-control parts for Guiturami  
 Supplied Electrical materials for Yonsei University Medical center (Shinchon, Kangnam)  
 Supplied Electrical materials for KongWoo ENC  
 Supplied Electrical 112 items for Yonsei University Medical center (Shinchon, Kangnam)  
 Purchased Luminaire for DayWell New Factory in Muju  
 Supplied Luminaire for Remodeling Project for YoungIl SinKi headoffice  
 Purchased New Construction Luminaire for DuPont Korea R&D center  
 Supplied Public Department Luminaire for ChonAn Local Hotel for New construction  
 Supplied Luminaire for MERK  
 Retrofitted Luminaire for David Cosmetics  
 Supplied Electrical materials for Kongwoo ENC  
 Purchased LED 150W Highbays for Woori Firefighting  
 Supplied Luminaire for ESGEL Cosmetics for New construction site  
 Supplied Luminaire for AUDINFUTURES for 2<sup>ND</sup> New construction site  
 Provided and installed Christmas decoration tree for SuWon Digital Empire-building  
 Manufactured, Supplied and Operated LGD V-MASTER Equipment  
 Manufactured, Supplied and Operated Samsung A2 VOCAS Equipment  
 Manufactured, Supplied and Operated Line VOCAS Equipment  
 Manufactured, Supplied and Operated Asan 7,8 Line HEAT-EXCHANGER  
 Manufactured and Supplied Samsung LINE5 PLC PANEL

### 2016

Purchased Electrical Construction Luminaire for Magok Apartment complex  
 Manufactured and supplied Public Luminaire for Korean National Assembly  
 Supplied LED TD Lighting for PAJU ASE KOEWA  
 Supplied and installed Architectural Lighting for Samcholri New Headoffice  
 Supplied Luminaire materials for BONOVA New factory in EunSung  
 Supplied Luminaire materials for AUDINFUTURES 2<sup>nd</sup> New factory  
 Supplied Luminaire materials for AEKYUNG factory in Chongyang  
 Supplied Architectural Luminaire for Highway High-pass  
 Supplied Luminaire for TERAGENETEX Remodeling factory in Ansan  
 Supplied Chamber LED for ROTUS Project  
 Supplied Retrofit Luminaire for KEC Hanju Elec Clean-room  
 Supplied Luminaire for KAIO Industry  
 Supplied Luminaire for Hyundai Motors Namyang R&D center  
 Supplied Luminaire for WONIK MATERIALS in Ochang for Remodeling construction  
 Supplied Luminaire for SOLEO in Pyeongteak  
 Supplied Luminaire for CLEOS in Kimpo  
 Supplied Luminaire for COSMECA KOREA in Eunsung  
 Supplied Luminaire for KECTECK in Eumsung for Remodeling construction  
 Supplied Luminaire for KOSON in Osan for New construction  
 Supplied Luminaire for BRPharn in Wonju  
 Supplied Luminaire for AIRLIQUID KOREA  
 Supplied Electrical Auto-control Parts for Guiturami in Chonan  
 Supplied Construction materials for Samsung A3 New factory  
 Supplied LED Flood Lighting for GwangMyung race  
 Supplied LED Flood Lighting for Hyundai Ship-making factory  
 Supplied LED Flood Lighting for Malaysia - Millennium corporation  
 Supplied LED Flood Lighting for 3 Local Logistics centers  
 Supplied LED Flood Lighting for Local Sports center  
**Supplied LED Flood Lighting for Local Roadways in Gyungju**  
**Supplied LED Flood Lighting for Busan Cinema Center**

# 4. Supply and Construction Records

## — Supply history

### 2017

Supplied Electrical Auto-control parts for A3 VM K-PROJECT  
 Supplied Electrical materials for Samsung A3 PH2 for New construction  
 Supplied Auto-control parts for A2 VM E-PJT in Asan  
 Supplied Electrical materials for T-PJT for New construction site  
 Supplied Luminaire for Guiturami site  
 Supplied Luminaire materials for K-1 PJT Clean-room of Dongwoo Finechem  
 Supplied Auto-control materials for BOE B9 in China  
 Exported BLIND PANEL LED Lighting for Japan  
 Exported Clean-room Luminaire parts for Vietnam  
 Supplied LED Flood Lighting for HANKOOK BYEPRANG in Kimhae  
 Supplied LED Flood Lighting for JEONAM Public Roadways  
 Supplied LED Flood Lighting for GS POWER STATION SPORTS Center  
 Supplied LED Flood Lighting for DEAGU COMMUNITY TENNIS Court  
 Supplied LED Flood Lighting for EMART SPROTS Center in Buchon  
 Supplied LED Flood Lighting for COLD STORAGE FACILTIY in Pyeongteak  
 Supplied LED Flood Lighting for WHASUNG factory  
 Supplied LED Flood Lighting for KC TECH  
 Supplied LED Flood Lighting for ILJU AUTO Factory  
 Supplied LED Flood Lighting for LOTTE CASTLE APARTMENT in Busan  
 Supplied LED Flood Lighting for NANOTECH Factory  
 Supplied LED Flood Lighting for Thermoelectric Power Plant in TeaAn  
 Supplied LED Flood Lighting for HANIL DOYO JINCHON Factory  
 Supplied LED Flood Lighting for ARA STUDIO  
 Supplied LED Flood Lighting for THEME PARK IN Chonju  
 Supplied LED Flood Lighting for FOOTBALL Field in Pyeongchang  
 Supplied LED Flood Lighting for YOO STADIUM in Chungchong Nam-do  
 Supplied LED Flood Lighting for KUKJE BENDING  
 Manufactured and operated LED Architectural Lighting for Changwon City Roadways  
 Supplied LED Flood Lighting for Deajon Governmental Hall  
 Supplied LED Flood Lighting for Local Restaurant in Namyangju City  
 Supplied LED Flood Lighting for Local Soccer Field in Deagu City  
 Supplied LED Flood Lighting for Local Tennis Court in Deagu City in Duru  
 Supplied LED Flood Lighting for Local Tennis Court in Deagu City in Kangbuk  
 Supplied LED Flood Lighting for BUSAN EMART FOOTBALL Field

### 2017

Supplied LED Flood Lighting for INCEON EMART FOOTBALL Field  
 Supplied LED Flood Lighting for EMART in Chongju  
 Supplied **LED Flood Lighting for the Korea Expressway Corporation**  
 Supplied LGD PAJU VOCAS PANEL EQUIPMENT 169 Pieces  
 Supplied LGD PAJU, GUMI ACF PANEL 150 Pieces  
 Supplied Samsung Pyongteak P-PJT Construction materials

### 2018

Supplied LED Flood Lighting for Local Elementary School in Incheon  
 Supplied Luminaire for Korea Institute Of Ocean Science & Technology  
 Supplied Electrical materials for Shinheung F.A  
 Supplied Auto-control Panel for Kiheung VM(SiemensPLC)250CMM  
 Supplied LED Flood Lighting for Songdo Local Golf Course (Jack Nicklaus)  
 Exported TD LIGHTING to Vietnam  
 Supplied Electric Box to GVO OHS PJT  
 Supplied Luminaire for Local High-school  
 Supplied Luminaire for Samik Electric in Bupyeong  
 Supplied LED Flood Lighting for AECOM  
 Supplied CLEAN-ROOM LUMINAIRE for Samsung ChonAn LINE 5 P PJT  
 Supplied Luminaire for FMS  
 Supplied LED Flood Lighting and Luminaire for Chonil Intl. Logistics  
 Supplied Water-Proof Lighting for Local Cultural Center in Keayang  
 Supplied LED Flood Lighting for Local Sports Center IN Keasan  
 Retrofitted Public LED Luminaire for Local Community Center in Sungkang  
 Supplied Electrical materials for METRO KOREA  
 Supplied LED Flood Lighting for Local Substation in Chungbuk  
 Supplied Electrical materials for Shinsung ENG T2 EFU PJT  
 Supplied LED Flood Lighting for Local Elementary School Kunbook  
 Supplied Electrical materials for Wonbang Tech  
 Supplied Electrical materials for Shinsung ENG (F.A)  
 Exported Clean-room Luminaire to Qatar  
 Supplied Clean-room Luminaire for MALTANI  
 Supplied Electrical materials for Samsung A3 PH2 New construction

# 4. Supply and Construction Records

## — Supply history

### 2018

Supplied LED Luminaire and Flood Lighting for KUKJE BENDING  
 Supplied LED Flood Lighting for JinHea Army Station  
 Supplied Luminaire for SKC SOLMIX  
 Supplied LED Flood Lighting for LED SOLUTIONS  
 Supplied Electrical materials for Shinsung ENG BOE B10, B11 in China  
 Supplied Luminaire and Clean-room fixtures for Samsung Pyeongteak P PJT PH3  
 Supplied Luminaire for Koksung Yesung  
 Supplied Inspection Equipment for Samsung Display  
 Supplied Clean-room Luminaire for Sungwoo DNC  
 Supplied Electrical materials for ILJin MATERIALS MALEYSIA Factory for New construction  
 Supplied Luminaire for Incheon Harbor Park Hotel  
**Supplied Luminaire for Korea Rail Network Authority in Pohang**  
**Supplied Luminaire for Deahan ENG**  
**Supplied Luminaire for Yusung ST**  
**Supplied LED Flood Lighting for Local Golf Field**  
 Supplied LED Flood Lighting Kwonwon EFT  
 Supplied Electrical materials for Shinsung ENG PAJU (LGD)  
 Supplied LED Luminaire and Flood Fixtures for Shinho Electric  
 Supplied Clean-room Luminaire for Celtron  
 Supplied Electrical materials and Luminaire for Shinsung ENG  
 Supplied LED Flood Lighting for Local Elementary School Gym  
 Supplied Inspection Equipment for LGD  
 Supplied LED Flood Lighting for SongDo Sports Park  
 Supplied Luminaire and LED Flood Lighting for JR Industry  
 Supplied Auto-control Panel for A3 V MASTER 24 Pieces  
 Supplied Auto-control Panel for Dongwoo Finechem VM 4 Pieces  
 Supplied ACF Power-Panel, Auto-control Panel, and Electrical materials for LGD  
 Supplied Luminaire for Intercare Factory  
 Supplied Electrical materials for Shinsung FA  
 Supplied Auto-control system for Youngchang Tech  
 Supplied Luminaire for ISOO AIR TECH  
 Exported Clean-room Luminaire for Vietnam  
 Supplied LED Flood Lighting for GOYAN Elementary School  
 Supplied Electrical materials for SEOYOO ENG (SR PROJECT)

### 2018

Supplied Electrical materials for Teasung FA  
 Supplied Clean-room Luminaire for Jiwoo Tehc  
 Supplied Electrical materials and Luminaire for Shinsung Eng  
 Supplied Electrical materials for Shinsung Eng Young-in  
 Supplied Electrical materials and Luminaire for GreenEnergy  
 Supplied Luminaire and LED Flood Lighting for NamYang F&B  
 Supplied LED Flood Lighting for Beakbong Elementary school  
 Supplied LED Flood Lighting for Sunrin Lighting  
 Supplied LED Luminaire and Flood Lighting for Winners Lighting  
 Supplied LED Flood Lighting for KOTAKA Construction  
 Supplied LED Flood Lighting for ChonAn City for Community Sports Center  
 Supplied TD Lighting for HL ENG (Clean-room Project)  
 Supplied Electrical materials for Sungwoo Steel  
 Supplied Luminaire for Korea BMP  
 Supplied Luminaire for Mujin Electric in Ansung  
 Supplied LED Flood Lighting for Buyeo Sports Center  
 Supplied LED Flood Lighting for Community Center in SiHeaung  
 Supplied LED Flood Lighting for Yang-Wha Bridge in Seoul for Architectural  
 Supplied Electrical materials, Luminaire, and Clean-room Luminaire for TealN TS  
 Supplied Luminaire for PROTOCS in Ansung  
 Supplied LED Flood Lighting for SangGeon  
 Supplied LED Flood Lighting for WolMyeong Stadium in JinHeung Pattern  
 Supplied LED Flood Lighting for Lotte Home-shopping  
 Supplied LED Flood Lighting for Local Schools in ChonAn  
 Supplied LED Flood Lighting for Community Swimming Center  
 Supplied LED Flood Lighting for Sokri Mountain National Park  
 Supplied LED Flood Lighting for Weldi Tennis Court  
 Supplied LED Indoor Luminaire for BRT Auto Warehouse  
 Supplied Clean-room Luminaire for Samsung Display SeoHan PJT in China  
 Supplied LED Indoor Luminaire for MooWon ENC  
 Supplied Clean-room T-BAR LIGHTING for ENEPS  
 Supplied Retrofit Panel for Samsung SDC A3  
 Supplied T-BAR LIGHTING for ONSEMI-CONDUCTOR in Buchon  
 Supplied LED Flood Lighting for National Bukok Hospital (Sports Field)

# 4. Supply and Construction Records

## — Supply history

### 2019

Supplied LED Flood Lighting for Fire-Fighting School in Kyonggi-do  
 Supplied LED Flood Lighting for Public Procurement Service in Deajeon  
 Supplied LED Flood Lighting for DongEun Electric  
 Supplied TD-LIGHTING for Deasung ENC  
 Supplied LED Flood Lighting for EJLNS  
 Supplied LED Blind-Panel Lighting (Edge) for Shinsung ENG  
 Supplied TD-LIGHTING for ELTEC  
 Supplied LED Flood Lighting for Wonlk  
 Supplied LED Flood Lighting for Office of Education in Seoul City  
 Supplied LED Flood Lighting for JinHeung Pattern  
 Supplied LED Flood Lighting for Office of Education in ChungNam DangJin  
 Supplied LED Flood Lighting for LED SOLUTIONS  
 Supplied LED Flood Lighting for DREAM ELECTRIC  
 Supplied LED Flood Lighting for Facility Management Office in Deajeon City  
 Supplied LED Flood Lighting for Field Turf SeungMok  
 Supplied LED Flood Lighting for SLT  
 Supplied LED Flood Lighting for TeaWon Electric  
 Supplied LED Flood Lighting for Mirinearez  
 Supplied LED Flood Lighting for Wonlk  
 Supplied LED Flood Lighting for LMP  
 Supplied LED Flood Lighting for Economy Free District in InCheon  
 Supplied LED Edge Flood Lighting for DeaHan ENG  
 Supplied LED Square Flood Lighting for Geyang District in InCheon  
 Supplied LED Edge Flat-Panel for DeaHan ENG  
 Supplied LED Flood Lighting for Economy Free District in InCheon  
 Supplied LED Security Lighting for DeaHan ENG  
 Supplied LED Flood Lighting for Winners Lighting  
 Supplied LED Edge Flat-Panel for General Construction Office in InCheon City  
 Supplied LED Square Flood Lighting for ACO GLOBAL  
 Supplied LED Flood Lighting for Economy Free District in InCheon

### 2019

Supplied LED Square Flood Lighting for City Construction Office in ChonAn  
 Supplied LED Flood Lighting for General Construction Office in InCheon City  
 Supplied LED Flood Lighting for Mirinearez  
 Supplied LIGHTING PLUG for Shinsung ENG  
 Supplied LED BLIND PANEL LIGHTING (Edge type) for Shinsung ENG  
 Supplied LED Flood Lighting for Shinsung  
 Supplied FPL Clean-room Luminaire for Shinsung ENG  
 Supplied LED BLIND PANEL LIGHTING (Edge-type) for Shinsung ENG

# 4. Supply and Construction Records

## Construction History

### 2012

Performed Construction of Samsung Kiheung SR PJT FFU Auto-control System

- LCD Development Building LSI Transfer

- LINE 2 FFU Renovation

Performed Construction of Samsung Kiheung FFU Renovation

### 2013

Performed Construction of Samsung Display OLED Factory V-MASTER Auto-control System

Performed Renovation of Ceiling-tex and Brightness for Local Middle School at HongIk

Performed Construction of Clean-room Electrical Sector in HN Surgical

Transferred LCU for Samsung Kiheung

VOCAS Project for Samsung Display in Asan and ChonAn

### 2014

Performed Construction and Installation of Christmas Decoration Works for Incheon Jung-gu

**Performed Renovation of Luminaire in Chamber of Commerce and Industry**

Performed Construction of Electrical works for Local Flea Market in Incheon

Performed Construction of V-MASTER Auto-control System for Samsung Display OLED Factory

Performed Construction of V-MASTER Auto-control System for LGD

Performed Construction of Electrical works for Local Seafood Flea Market

Performed Installation of Panel at Pump-room for Wolmi-do Sauna Facility

Performed Installation of Pressurization Pump Panel 30HP at Pump Facility in Youngheung-do

Retrofitted LINE12 LCU for Samsung HwaSung Campus

Retrofitted H1 FFU for Samsung HwaSung Campus

Performed Electrical Construction for Local Seafood Flea Market in Youngheung Suheop

### 2015

Performed Electrical Construction of Seoul Christmas Festival

Performed Electrical Construction of Fish-Tank

Performed Electrical Construction of Luminaire at Mooring for InCheon Airport

Performed Electrical Construction of Architectural Lighting for KyungIn Broadcasting

Performed Electrical Construction of EumSung Factory

Performed Electrical construction of Roadways for Incheon Nam-harbor

Manufactured and operated Water-collection Pump Panel for Purunsol GC

### 2015

Manufactured and operated Water-collection Pump Panel for Purunsol GC

Performed Electrical Construction of Clean-room for Aero-Space R&D Center in Deajeon

**Manufactured and installed Luminaire for Information Resources Center at Asia Culture Complex**

**Manufactured and installed Christmas Decoration Tree for Local Government**

**Retrofitted LED Luminaire for NamDongbu Water-office**

### 2016

Installed Architectural Lighting for Samchonri New Headoffice

Performed Electrical construction of Roadways for Incheon Nam-harbor

Performed and Operated ACF Electrical Panel works for Paju LGD

A3 PH2 V-MASTER for Samsung Tangeong

A3 K-PROJECT K-PROJECT for Samsung Asan

A2 V-MASTER for Samsung Asan

Samsung Pyeongteak P-PJT

Installed Electrical Fortune for Shinsung ENG YoungIn Factory

### 2017

Performed Electrical construction of Roadways for Incheon Nam-harbor

Installed Architectural Lighting for YonAn-dong

Installed Air-pressure for Hankook Beverage in JeongEup

Retrofitted Luminaire for Chowon Aluminium in Kimpo

Installed LED Flood Luminaire for Kookje Bending

Performed Electrical Construction for YoYang Children Park in Geyang-gu

Installed Compressor for Lotte in Seoul Yongdeungpo

Installed Clean-booth for Suwon SKC #10

Installed Clean-booth for Suwon SKC #7

Performed Electrical Construction for Local Middle School Fencing Gym

Installed Luminaire for ChangSung Industry

# 4. Supply and Construction Records

## Construction History

### 2018

Performed Electrical Construction of Clean-booth Panel for ProCON  
Performed Electrical Construction of SoYang Children Park for Korea Electric Power Corporation  
Installed LED Flood Lighting for Kookje Bending  
Performed Electrical Construction of Local School Fencing Gym  
Performed Electrical Construction of Compressor at PSTech for YoungIl Sangi  
Manufactured and Operated Architectural Lighting for Changwon City  
Retrofitted LED Luminaire at Incheon Public Office (SeongGang Information Knowledge Center)  
Performed Electrical Construction of Street Lighting in Incheon Sinpo Street  
Installed Substation and Cooler for Incheon Bupyeong  
Performed Electrical Construction of Children House Remodeling in Incheon City  
Performed Electrical Construction of Air-compressor for Dongwon Sam-mool  
Installed Air-compressor for Hwasung JESEL  
Performed Electrical Construction of Clean-booth for Ochang LGChemical  
Performed Electrical Construction of squash courts in Incheon  
Installed Luminaire for KT Community PJT for Local Energy New Business  
Performed Electrical Construction of Clean-booth for Samsung Elec in Suwon  
Installed Air-compressor for Dongwon Sam-mool  
Performed Electrical Construction of Clean-booth for Hana Materials  
Installed Air-compressor for YoungIl Sangi  
Installed Luminaire at Baseball Stadium in YounIn City  
Installed Luminaire at Song-do 1,3 Districts in Economy Free District Office

### 2019

Installed Architectural Lighting for KT Kimhe Energy Business  
Installed Architectural Lighting for KIT Chungju Energy Business  
Performed Electrical Construction of BuPyeong Office in Incheon City  
Performed Electrical Construction of Education Office in Incheon City  
Performed Electrical Construction of Young-Il Sangi  
Performed Electrical Construction of Field Turf Seung-Mok



**We HYUNDA ENG will always do our best to satisfy our customers  
through quality and services**

**Thank You**

