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- LED sports lighting fixtures / LED large area flood lighting fixtures
- BJ lighting system
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Company Introduction Company Introduction Location History Certification

CREATING VALUE IN THE FUTURE

Greeting

Hello?

We would like to thank all of you, clients, for your generous support and encouragement for BJ Lighting. BJ Lighting provides customers with an environment for sporting events optimized by a group of sports lighting professionals with expertise and technical skills. Currently, BJ Lighting has a production plant in Gimpo and producing the best products based on manufacturing facilities and innovative technology. Also, we are conducting continuous research and development to meet customer needs, and we are striving to provide a more stable and high-quality LED lighting system.

BJ Lighting will do all we can to become the nation's top sports lighting-specializing company, growing and developing the right and fair company and a company full of "Jubilance" by managing the company with sparkling wisdom and a "Bright" and positive mind.

Thank you.



Name of Company BJ Lighting Co., Ltd. CEO Kim Kyung-tae

Factory and Headquarters 16 Songma-ro, Daegot-myeon, Gimpo-si, Gyeonggi-do (Songmari 444-11)

Wholesale and retail, manufacturing

Tel. 032 326 7643 Fax 031 997 7643 Contact

Item of Business Sports lighting / electrical materials / streetlight pole and lighting tower / lighting fixture and LED

Acquired Licence Electric construction license

Certification High efficiency certification, electromagnetic wave certification, patent (heat sink, etc.), design

registration, direct production certification

History

Type of Business

2009 Establishment of KT Lighting

2017 Establishment of BJ Lighting Co., Ltd.

Registration of electrical construction business license

2018 Factory registration

> Registration of heat sink design for lighting lights Certification of high-efficiency energy fixture

Certification of direct production

2019 Patent of dual heat sink assembly for lighting machine using thermal conductivity fluid

2020 Excellent technology evaluation company certification

ISO quality management system certification

2021 ISO environmental management system certification

Excellent green technology company certification

KS product certification

LED LIGHTING SOLUTION COMPANY INTRODUCTION

CERTIFICATION

























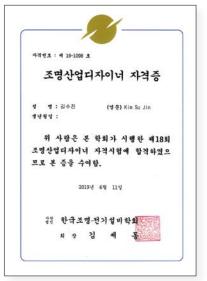












6 LED LIGHTING SOLUTION COMPANY INTRODUCTION

2

Introduction of item

Sports lighting fixture and large space lighting fixture

SG SERIES

LONG VISOR/SHORT VISOR

NS SERIES

SL SERIES

LONG VISOR/SHORT VISOR

SLS SERIES

HM SERIES

HG SERIES

Appropriate for space such as sports facilities, golf courses, and large space facilities Miniaturization and lightening of the lighting fixture ⇒ Possibility of application to various places



EXCELLENT LIGHT DISTRIBUTION

Implementation of light distribution suitable for use environment with various types of aluminum reflectors



PREVENTION OF GLARE

Use of visor with a special design excellent for preventing glare



HIGH-EFFICIENCY

High efficiency of 130lm/w

SHORT VISOR





LONG VISOR





Model	Power	Luminous Efficacy	Luminous Flux	Color Temperature	CRI	Weight	Input Voltage	Operating Temperature	Product identification number
BJ-SG600	600W		75,000 lm		75Ra				24548196
BJ-SG1000	1000W	125lm/W	125,000 lm	5700K	80Ra	14.5kg	AC180 ~ 528V	-30°C ~ 45°C	24017493
BJ-SG1200	1200W		150,000 lm		90Ra				24017492

SHORT VISOR

LONG VISOR

15°



FRONT VIEW

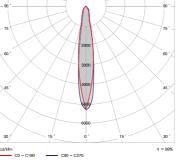


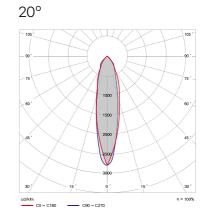


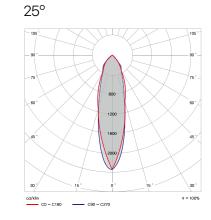


TOP VIEW

Light distribution curve







Appropriate for large-scale sports facilities such as sports complex and public stadium (international games and official game standard)

EXCELLENT LIGHT DISTRIBUTION Large space facilities such as ports and plazas

PREVENTION OF GLARE Use of visor with a special design excellent for preventing glare

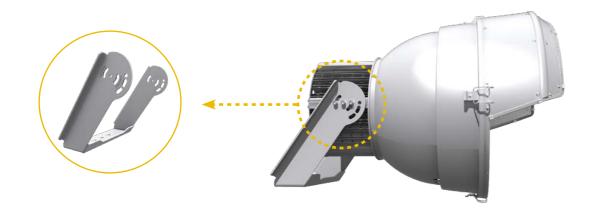


HIGH-EFFICIENCY High efficiency of 130lm/w

SHORT VISOR





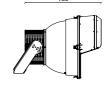


Model	Power	Luminous Efficacy	Luminous Flux	Color Temperature	CRI	Weight	Input Voltage	Operating Temperature
BJ-NS1200	1200W	130 lm/W	156,000 lm	5700K	75Ra 80Ra 90Ra	19kg	AC180 ~ 528V	-30°C ~ 45°C

SHORT VISOR

LONG VISOR





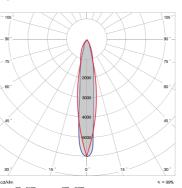


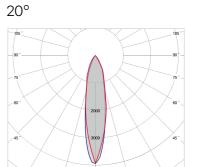


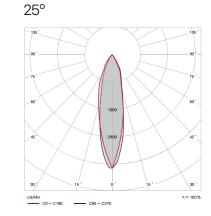
FRONT VIEW

TOP VIEW

Light distribution curve







Application to various facilities requiring high output, such as sports facilities, large-space facilities, etc. (official games~recreation standard)



EXCELLENT LIGHT DISTRIBUTION

Implementation of light distribution suitable for use environment with various types of aluminum reflectors



PREVENTION OF GLARE

Use of visor with a special design excellent for preventing glare



HIGH-EFFICIENCY

High efficiency of 125lm/w

SHORT VISOR





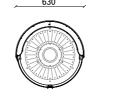
LONG VISOR



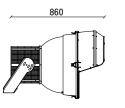


Model	Power	Luminous Efficacy	Luminous Flux	Color Temperature	CRI	Weight	Input Voltage	Operating Temperature	Product identification number
BJ-SL600	600W	125 lm/W	75,000 lm		75Ra	20.5kg		-30°C	23626042
BJ-SL1000	1000W	125 lm/W	125,000 lm	5700K	80Ra	22kg	AC180 ~ 528V	-50 C ~ 45°C	23626043
BJ-SL1200	1200W	125 lm/W	150,000 lm		90Ra	22kg			23626044

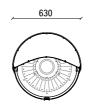
SHORT VISOR

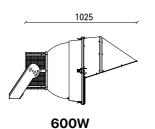


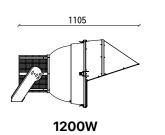




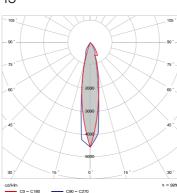
LONG VISOR

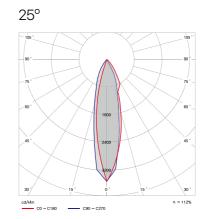


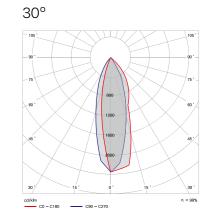




Light distribution curve







SLS SERIES

Application to various places from sports facilities in the neighborhood to large-scale sports facilities Lightening of the weight of the lighting fixture from the application of heat sinks using magnesium material Application of individual modules that are easy to install and maintain

PRODUCT FORM





400W



ADVANTAGE

Entire module can be adjusted at intervals of 5 and 10 degrees when installing, enabling accurate aiming



Implementation of accurate aiming with the application of the angle indicator



Entire module can be adjusted at intervals of 5 and 10 degrees, enabling accurate aiming



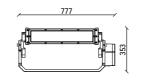
Separate form of individual modules, enabling easy maintenance

Product specification

Model	Power	Luminous Efficacy	Luminous Flux	Color Temperature	CRI	Weight	Input Voltage	Operating Temperature	Product identification number
BJ-SL200S	200W	138 lm/W	27,600 lm	- 5700K	₹ 75 Ra	7.5kg	AC100 ~ 240V	-30°C ~ 45°C	23696052
BJ-SL400S	400W	138 lm/W	55,200 lm			11kg			23696053
BJ-SL600S	600W	138 lm/W	82,800 lm			14.5kg			23696054
BJ-SL800S	800W	138 lm/W	110,400 lm			18kg			23696055

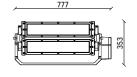
Product standard

200W



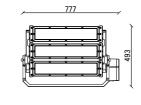


400W



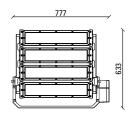


600W





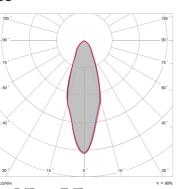
800W

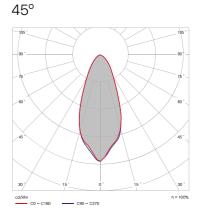


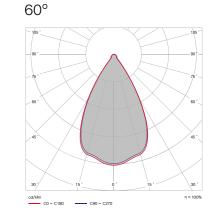


Light distribution curve

35°







HM SERIES

Outdoor sports facilities, indoor gymnasiums, factories for high ceilings, logistics centers, large spaces, etc. SMPS all-in-one



Product specification

Model	Power	Luminous Efficacy	Luminous Flux	Color Temperature	CRI	Input Voltage	Beam angle	Product identification number
вј-нмзоо	300W	120 lm/W	36,000 lm	5700K	75Ra 80Ra 90Ra	90~305Vac	15° 30° 60°	23930205

HG SERIES

Indoor gymnasiums, factories for high ceilings, logistics centers, large spaces, etc. SMPS all-in-one



Product specification

Model	Power	Luminous Efficacy	Luminous Flux	Color Temperature	CRI	Input Voltage	Beam angle	Product identification number
BJ-HG200	200W		24,000lm		75 Ra			23930201
BJ-HG250	250W	120	30,000lm	E700V	80Ra 90Ra	90 ~	40°, 60°,	23930202
BJ-HG400	400W	lm/W	48,000lm	5700K		305 Vac	90°, 120°	23930203
BJ-HG600	600W		72,000lm					23930204

BJ lighting system

BJ LIGHT SOURCE

GLARE-PREVENTION DEVICE

HEAT SINK

LIGHTING TOWERS

FOUNDATION

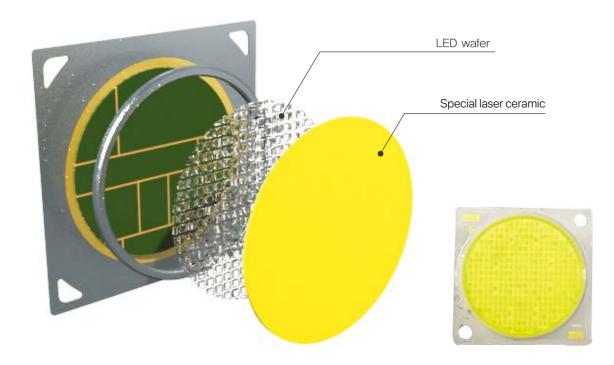
CONVERTER BOX

WIRELESS COMMUNICATION SYSTEM

01 BJ LIGHT SOURCE

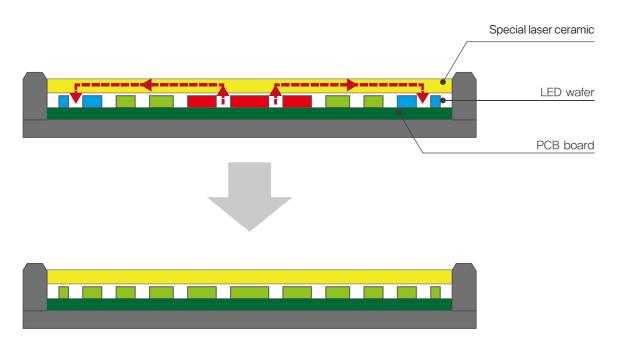
LASER CERAMIC COB LED

Laser ceramic has high temperature heat resistance, excellent thermal conductivity, and light transmittance, so it can completely replace the LED packaging using existing phosphors.



IMPROVEMENT OF THERMAL RESISTANCE STRUCTURE

By emitting the heat generated by chip in the top and bottom directions, it greatly reduces the heat resistance



PROBLEM OF THE EXISTING COB LED







Breakage phenomenon of the silicone phosphor due to long operation causes off defect by dropping the internal gold wire together.

Breakage phenomenon of silicone phosphor







Exposure of the Blue Chip LED's own color inside, resulting in phosphor deformation if the temperature continues to be high

Change of light source color

COMPARISON OF PHOSPHOR TEMPERATURE OF SILICON/CERAMIC MATERIAL

Surface temperature of silicon phosphor (70um)	Surface temperature of silicon phosphor (150um)	Surface temperature of ceramic		
404.75 387.90 371.05 354.20 337.35 320.51 303.66 286.81 269.96 253.11 236.26 219.41 202.66 185.71 168.87	400.83 390.03 379.24 368.45 357.65 346.88 336.07 325.27 314.48 303.69 292.99 282.10 271.31 260.52 249.72	131.90 - 131.18 - 130.46 - 129.74 - 129.01 - 128.29 - 127.57 - 126.85 - 126.13 - 125.41 - 124.69 - 123.97 - 123.25 - 122.53 - 122.53 - 122.53 - 122.53		
Max.: 487.543°C	Max. : 413.1°C	Max.:132.218°C		
Avg.: 222.641°C	Avg.: 303.096°C	Avg.:126.264°C		
Min.: 167.369°C	Min.: 256.593°C	Min.:120.469°C		

In the case of silicon materials, reducing the phosphor can reduce the temperature overall, but conversely, the problem of rising the temperature of chip occurs

Ceramic type products have an even heat emission of approximately 10°C with a maximum, average, and minimum temperature difference

▶ It is possible to improve the heat emission problem of the existing silicon material LED

22 LED LIGHTING SOLUTION

BJ LIGHTING SYSTEM

03 **HEAT SINK**

VISOR

1 Glare-proof

2 Consideration of civil complaint occurrence

3 Light pollution prevention

Provision of restful light without glare for the smooth operation of games

Consideration of damage to residential areas, etc. and civil complaints caused by leakage light

Prevention of light pollution under the restriction of uplight





· Glare prevention device

LIGHT POLLUTION PREVENTION

In the case of the application of glare prevention devices, it can control the direct glare and uplight and the leakage of light around it can be greatly reduced.





Application site of glare prevention device

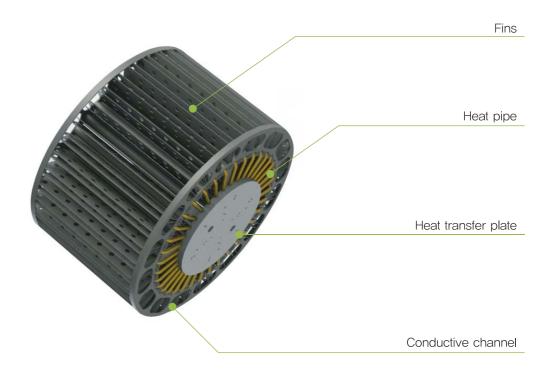
GENERAL LED FLOODLIGHT

When used without a glare prevention device, direct glare (light blur) occurs, causing visual discomfort In addition, light leaks around and causes damage to residential areas and farmland

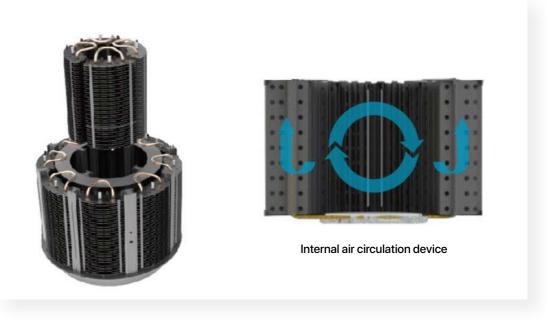




STRUCTURE OF DUAL HEAT SINK



DUAL HEAT SINK



- ▶ One thing that has a direct effect on the life and efficiency of LED is heat emission
- ▶ BJ has increased life and efficiency by producing dual low heat sinks on the inside and outside and connecting heat pipes to emit heat in the shortest period of time.

LED LIGHTING SOLUTION BJ LIGHTING SYSTEM

CONSTRUCTION ORDER APPLYING STEEL PIPE PERFORATION FOUNDATION

SIZE OF FOUNDATION

Height of pole	Expected size of foundation	Wind speed standard	
12~15M	2.5~4M		
18~20M	4~6M		
20~25M	5~6.5M	24~50m/sec	
25~30M	6.5~9M		
Exceeds 30M	Construction of anchor foundation		

The above data can be changed to the expected size of the local wind speed and the quantity of the lighting fixture

Filled with soil Filled with concrete or mortar

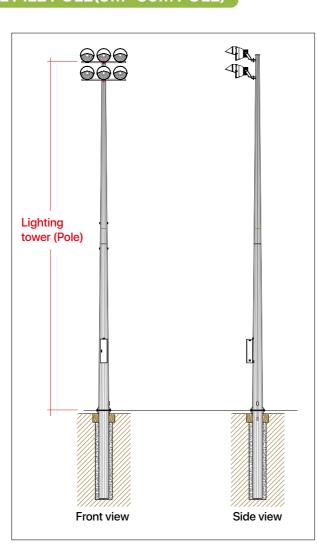
DETAIL OF FOUNDATION

HIGH-STRENGTH ZINC-PLATED STEEL PILE POLE(9M~50M POLE)

04 FOUNDATION AND LIGHTING TOWERS (POLE)



* Option: Step bolt, platform, safety ladder





1. Foundation perforation



2. Foundation insertion



3. Leveling up



4. Concrete(or mortar) deposit



5. Pole assembly / assembly of lighting fixture and converter box



6. Pole erection



7. Foundation+pole assembly



8. Vertical check

BJ LIGHTING SYSTEM

06 **CONVERTER BOX**

LASER FOR AIMING LIGHTING FIXTURE

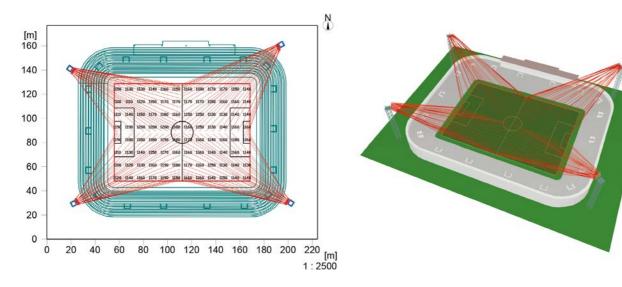
Laser for aiming



► Product after attaching laser



Increase of accuracy through the same construction as lighting design

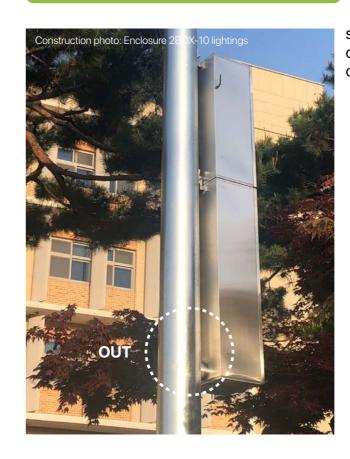






10. Measurement of illuminous intensity

POLE-ATTACHED CONVERTER BOX



Size of converter box: 400(W)×1000~1400(H) Converter enclosure: Up to 6 converters per box can be installed Converter box HUB hole: Wires not exposed to the outside



CONVERTER SPECIFICATION







- separatable from the lighting fixture ▶ Equipped with heat sensor for LED protection

► Wide voltage range: 180~528V

▶ IP67 external specifications

► 5-year guarantee

► Compatible specifications with multiple controllers

▶ DC voltage 110~140V, Maximum distance of 200m

▶ Power factor (PF): >0.95, power consumption < 0.5W

Models

Adjustable Output	Output Full-Power Current		Input	Output	Max.	Typical	Power	Factor	Model Number
Current Range			Voltage Voltage Range(2) Range		Output Power	Efficiency (3)	277Vac	480Vac	WidderNamber
0.336-4.2A	3.36-4.20A	4.2A	180~528Vac/ 255~500Vdc	143~357Vdc	1200W	96.0%	0.96	0.95	EFD-1K2S420DV
0.448-5.60A	4.48-5.60A	5.6A	180~528Vac/ 255~500Vdc	108~268Vdc	1200W	95.5%	0.96	0.95	EFD-1K2S560DV
0.592-7.40A	5.92-7.4A	7.0A	180~528Vac/ 255~500Vdc	81~202Vdc	1200W	95.0%	0.96	0.95	EFD-1K2S740DV

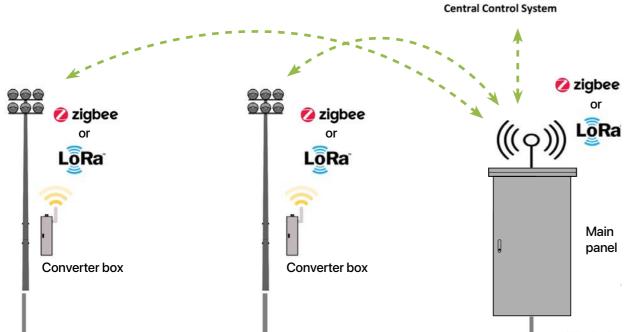
LED LIGHTING SOLUTION BJ LIGHTING SYSTEM

08 LARGE SPACE LIGHTING

CONTROL OF PC PROGRAMS

- 1) All lighting on/off and dimming control
 - 0~100% dimming control
 - (ex. 30%, 50%, 80%, 100%)
- 2) Group Setting (Group lighting control)





Power line

MODULE ANTENNA

Attached to converter box & main panel



POWER BOARD (BOX)

Installed inside the main panel



ROAD TRAFFIC LARGE SPACE LIGHTING

The installation of the lighting fixture at the intersection sheds light on the direction of the vehicle, allowing drivers to easily recognize the presence of intersections and traffic conditions, and providing an appropriate lighting environment for road users to pass safely.

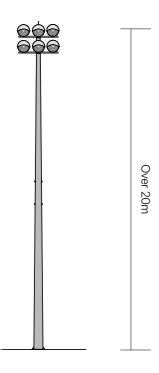


Cut-off tyle LED light fixture

General intersection







OTHER LARGE SPACE LIGHTING

Small lights and poles in areas with large spaces, such as large squares and large parking lots, cannot provide the desired brightness for users. In this case, it is very economical and easy to maintain because you can get the desired brightness by using high lighting towers and high-output lighting fixture.

LED LIGHTING SOLUTION

Project Reference

- 2019 GUNSAN FLOATING PHOTOVOLTAIC MANAGEMENT OFFICE
- 2019 GUNSAN MIDDLE SCHOOL PLAYGROUND
- 2019 GIMPO SEOAM SPORTS PARK INDOOR FOOT VOLLEYBALL COURT, GATEBALL COURT
- 2019 GIMPO SEOAM SPORTS PARK OUTDOOR TENNIS & FUTSAL FIELD
- 2019 GUNSAN MIDDLE SCHOOL PLAYGROUND
- 2019 GUNSAN SINPUNG ELEMENTARY SCHOOL
- 2019 GIMPO SALTER SOCCER
- 2019 MUAN SPORTS PARK TENNIS COURT
- 2019 BUAN ROMANTIC BEACH CREATION PROJECT (BYEONSAN BEACH)
- 2019 BUAN REGIONAL GARDEN MULTIPURPOSE SQUARE
- 2019 BUYEO YANGHWA AREA SPORTS FACILITY FUTSAL FIELD
- 2019 ANDONG EOGAGOL SOCCER FIELD
- 2019 WONJU DANGWAN NEIGHBORHOOD PARK (SOCCER FIELD/PARK/BASKETBALL FIELD/PARKING LOT
- 2019 JEONGEUP SHINTAEIN NEW SOCCER FIELD 1ST
- 2019 CHEONGGOL SAGEORLINTERSECTION
- 2019 GUNSAN SINPLING FLEMENTARY SCHOOL
- 2020 GOCHANG SANGHA SDODTS EACH ITV ELITSAL EIELD
- 2020 CLINICANI COMMEDCIAL HICH COHOOL DACEDALL CTADILII
- 2020 GOMSO MULTI-PURPOSE SITE FOOT VOLLEYBALL COURT
- 2020 TENNIS COURT IN THE IDLE SITE OF GWANGMYFONG PRESSURIZATION PLANT
- 2020 FOOT VOLLEYBALL COURT IN THE IDLESITE OF GWANGMYFONG PRESSURIZATION PLAN
- 2020 GUNSAN COMMERCIAL HIGH SCHOOL BASEBALL STADIUM
- 2020 GEUMSAN-GUN SPORTS COMPLEX
- 2020 GIMPO SALTEO SPORTS PARK MULTIPURPOSE GYM (TABLE TENNIS COURT)
- 2020 DEOKJIN INDOOR BADMINTON COURT (JEONJU INDOOR BADMINTON COURT
- 2020 MOKDONG SPORTS COMPLEX MULTIPURPOSE STADIUM
- 2020 SEOGUNSAN SOCCER FIELD
- 2020 SEOUL NATIONAL UNIVERSITY COLLEGE OF EDUCATION AFFILIATED HIGH SCHOOL
- 2020 SEOUL NATIONAL UNIVERSITY COLLEGE OF EDUCATION AFFILIATED MIDDLE SCHOOL
- 2020 SEJONG WATER QUALITY RESTORATION CENTER A TREATMENT PLANT TENNIS COURT
- 2020 SEJONG CITY WATER QUALITY RESTORATION CENTER A TREATMENT PLANT TENNIS COURT 2ND
- 2020 SUNCHEON PALMA NATIONAL SPORTS CENTER ILLUMINATION IMPROVEMENT
- 2020 SUNCHEON PALMA ALIXILIARY FOOTBALL STADIUM
- 2020 YEOSU MANHEUNG SANITARY LANDFIL
- 2020 YEOJU SPORTS COMPLEX INDOOR FUTSAL FIELD, BASKETBALL COURT
- 2020 YEONUI SPORTS PARK BASKETBALL COURT
- 2020 MONILITATION THEATED
- 2020 UIWANG STATION LARGE SPACE LIGHTING
- 2021 GANGNEUNG LITTLE BASEBALL STADIUM
- 2021 NATIONAL LAND INFORMATION CORPORATION MULTIPURPOSE STADIUM
- 2021 MOKDONG BASEBALL FIELD CANOPY
- 2021 GANGNELING LITTLE BASEBALL STADILIM
- 2021 SPORTS FACILITIES IN JINSAN-MYEON, GEUMSAN-GUN
- 2021 GIMPO MASAN-DONG MULTIPURPOSE STADIUM & JOKGI
- 2021 NAJU FOOT VOLLEYBALL STADIUM
- 2021 MULTIPURPOSE STADIUM IN BEOLGOK-MYEON, NONSAN
- 2021 MAEJEON-MYEON DUGOK-RI VILLAGE (HANMAUM MADANG)
- 2021 GIMJE ANESVILLE CO
- 2021 OCEAN HILLS YEONGCHEON CO
- 2021 OCEAN HILLS CHEONGDO GO

- 2021 MOKDONG ICE RINK
- 2021 MOKDONG BASEBALL FIELD CANOPY
- 2021 MUANGO PLAYGROUND SPORTS FACILITY
- 2021 SEOGWIPO DAEJEONG PUBLIC SEWAGE TREATMENT FACILITY
- 2021 SEOUI NATIONAL UNIVERSITY COLLEGE OF ENGINEERING TENNIS & BASKETBALL COURT
- 2021 SELIONG CITY WATER QUALITY RESTORATION CENTER A TREATMENT PLANT TENNIS COURT 2ND
- 2021 SIHEUNG MAEHWA TENNIS COURT
- 2021 YEONGYANG PUBLIC STADIUM & JOKGU
- 2021 YECHEON NEW TOWN TENNIS COURT
- 2021 JEONBUK STUDENT TRAINING CENTER NATIONAL ARCHERY
- 2021 JEONBUK STUDENT MARINE TRAINING CENTER FUTSAL FIELD
- 2021 JEONGEUP SANG-DONG TENNIS COURT
- 2021 CHEONGYANG PUBLIC STADIUM FOOT VOLLEYBALL FIELD
- 2021 CHOANSAN SPORTS TOWN FUTSAL FIELD
- 2021 CHUNHYANGGOL SPORTS PARK SOCCER FIELD
- 2021 HAENAM WOOSEUL STADIUN
- 2021 HAENAM USUL STADIUM AUXILIARY STADIUM
- 2021 HOENGSEONG CULTURE AND SPORTS PARK TENNIS COURT
- 2021 FVFN PARK GOLF SHORT GAME CENTER
- 2021 JEONGEUP INDOOR GYMNASIUM
- 2022 HAMPYFONG JEONNAM BASEBALL STADIUM
- 2022 GYEYANG YOUTH SOCCER FIELD
- 2022 GIMPO SALTER SOCCER FIELD NATURAL GRASS FIELD 2ND
- 2022 JANGHEUNG JEONGNAMJIN RESORT SOCCER FIELD
- 2022 OCEAN HILLS YEONGCHEON CC
- 2022 OCEAN HILLS CHEONGDO CC
- 2022 HAMPYEONG JEONNAM BASEBALL STADIUM
- 2021 YEONGYANG PUBLIC STADIUM AUXILIARY STADIUM
- 2021 MOKDONG SPORTS COMPLEX MAIN STADIUM
- 2022 GWANGMYEONG MUNICIPAL TENNIS COURT
- 2022 JEONJU TECHNICAL HIGH SCHOOL SOCCER FIEL
- 2022 YULDO NEIGHBORHOOD PARK SOCCER FIELL
- 2022 SEOUL NATIONAL UNIVERSITY AFFILIATED GIRLS' MIDDLE SCHOOL ARTS AND PHYSICAL EDUCATION CENTER
- 2022 ANDONG EXTREME PARK
- 2022 GOYANG HWAJFONG RESERVOIR FOOT VOLLEYBALL FIELD
- 2022 SEOUL NATIONAL UNIVERSITY TENNIS COURT
- 2022 YEOJU GANGCHEON SPORTS PARK FOOT VOLLEYBALL FIELD
- 2022 GANGNEUNG SACHEON SPORTS PARK
- 2022 SUNCHEON SANGSA FUTSAL FIELD
- 2022 GANGBUK PUBLIC STADIUN
- 2022 SEOGUNSAN SOCCER FIELD 2ND
- 2022 YEONGWOL BASEBALL STADIUM
- 2022 HONGSEONG GYEOLSEONG MIDDLE SCHOOL BASEBALL FIELD
- 2022 NAMHAE SPORTS PARK MAIN STADIUM
- 2023 NATIONAL GARDEN A SOCCER FIELD
- 2023 SEOUL NATIONAL UNIVERSITY SPORTS COMPLE
- 2023 WANJU YONGJIN SPORTS PARK
- 2023 SEOUL POY TENNIS COURT
- 2023 GOCHANG TENNIS COURT
- 2023 HAMAN INDOOR TENNIS COURT
- 2023 GEUMSAN SPORTS COMPLEX BASEBALL STADIUM
- 2022 NAMBULOUILTUDE AND COORTS CENTED COCCED FIELD
- 2023 METROPOLITAN AREA LANDEILL CAMPGROUND EUTSAL EIELD

PROJECT REFERENCE



Gimje Anesville C.C Light Level: 200-150-350LUX Fixture: LED 1200W (Q'ty:288) Pole: 15m, 18m



Gimpo Salter Soccer [main stadium] Light Level : 1000LUX Fixture : LED 1200W (Q'ty:80) Pole : 24m (Q'ty:4)



Ocean Hills Cheongdo G.C Light Level: 200-150-350LUX Fixture: LED 1200W (Q'ty:35) Pole: 15m (Q'ty:11)



Ocean Hills Yeongcheon C.C Light Level: 200-150-350LUX Fixture: LED 1200W (Q'ty:209) Pole: 15m, 18m (Q'ty:48)



Haenam Wooseul Stadium Light Level: 1000LUX Fixture: LED 1200W (Q'ty:120) Pole: 36m (Q'ty:4)



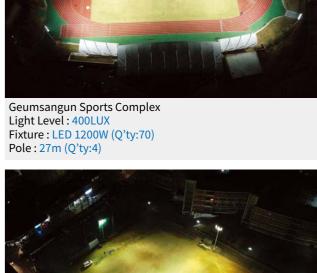
Gimpo Seoam Sports Park [indoor&outdoor] Light Level: indoor 400LUX & outdoor 500~1250LUX Fixture: LED 600W (Q'ty:84) & LED 200W (Q'ty:24) Pole: 15m (Q'ty:12)



Haenam Usul Stadium [auxiliary stadium] Light Level: 500LUX Fixture: LED 1200W (Q'ty:32) Pole: 21m (Q'ty:4)



Gunsan Commercial High School Baseball Light Level : infield 250LUX Fixture : LED 1200W (Q'ty:10) Mounting Height: 20m



Gunsan Sinpung Elementary School Light Level: infield 300LUX Fixture: LED 1200W (Q'ty:14) Mounting Height: 18m



Buan Regional Garden Multipurpose Facilities Light Level: 350LUX Fixture: LED 1200W (Q'ty:24) Pole: 18m (Q'ty:4)



PROJECT REFERENCE

Gwangmyeong Tennis, Jokgu Light Level: 300~500LUX Fixture: LED 600W (Q'ty:22) Pole: 15m (Q'ty:6)

LED LIGHTING SOLUTION



Seoul National University College of Education Affiliated Middle School Light Level: 400LUX

PROJECT REFERENCE

Fixture: LED 1200W (Q'ty:24) Pole: 18m (Q'ty:4)



Sejong Water Quality Restoration Center A Treatment Plant Tennis Court Light Level: 700LUX Fixture: LED 1000W (Q'ty:24) Pole: 15m (Q'ty:8)



Seoul National University College of Education Affiliated High School Light Level: 350LUX

Fixture: LED 1200W (Q'ty:40) Pole: 20m (Q'ty:4)

Gochang Sangha Sports Facility Futsal Field Light Level: 300LUX Fixture: LED 600W (Q'ty:8) Pole: 15m (Q'ty:2)



Mokdong Sports Complex Multi-Field Light Level : 500LUX Fixture : LED 600W (Q'ty:22)



Yeonui Sports Park Basketball Court Light Level : 200LUX Fixture : LED 600W (Q'ty:4) Pole: 12m (Q'ty:2)



Gunsan Middle School Playground Light Level : infield 150LUX Fixture: LED 1200W (Q'ty:14) Mounting Height: 20m



Wonju Dangwan Soccer Light Level : 150LUX Fixture: LED 1200W (Q'ty:20) Mounting Height: 21m



Gomso Jokgu Field Light Level : 500LUX Fixture: LED 600W (Q'ty:4) Pole: 12m (Q'ty:1)



Gunsan Floating solar facilities Light Level: 15LUX Fixture: LED 1200W (Q'ty:4) Pole: 3m (Q'ty:2)



Byeonsan Beach Light Level : 60LUX Fixture: LED 1200W (Q'ty:22) Pole: 24m (Q'ty:4)



Muan Sports Park Tennis Court Light Level: 850LUX Fixture: LED 600W (Q'ty:18) Mounting Height: 10~12m

LED LIGHTING SOLUTION

Pole: 10m (Q'ty:8)



Suncheon Palma Auxiliary Soccer Light Level : 200LUX Fixture : LED 1200W (Q'ty:24) Mounting Height : 25m



Gimpo Salter auxiliary soccer field Light Level: 400LUX Fixture: LED 1200W (Q'ty:48) Pole: 20m (Q'ty:4)



National Land Information Corporation Multi-Field Light Level: 500LUX Fixture: LED 1000W (Q'ty:9) Pole: 15m (Q'ty:2)



Yeongyang Public Stadium Light Level: 500LUX Fixture: LED 1200W (Q'ty:60) Pole: 35m (Q'ty:4)



Chunhyanggol Sports Park Soccer Field Light Level: 600LUX Fixture: LED 1200W (Q'ty:48) Pole: 24m (Q'ty:4)



Gwangmyeong City Tennis Court Light Level: 500LUX Fixture: LED 1000W (Q'ty:60) Pole: 15m (Q'ty:12)



Suncheon National Garden A-Soccer Light Level: 800LUX Fixture: LED 1200W (Q'ty:60) Pole: 25m (Q'ty:4)



Seogunsan Soccer Field Light Level: 350LUX Fixture: LED 1200W (Q'ty:32) Pole: 24m (Q'ty:4)



Jeonju Technical High School Soccer Field Light Level: 500LUX Fixture: LED 1200W (Q'ty:46) Pole: 25m (Q'ty:6)



Seoul National University College of Engineering Tennis Light Level: 700LUX Fixture: LED 600W (Q'ty:24) Pole: 9m (Q'ty:4)



Gangneung Little Baseball Light Level: infield 600LUX outfield 300LUX Fixture: LED 1200W (Q'ty:24) Pole: 15m



Gyeyang Youth Soccer Field Light Level: 700LUX Fixture: LED 1200W (Q'ty:48) Pole: 25m (Q'ty:4)

PROJECT REFERENCE



Seoul National University Sports Complex Light Level: 400LUX Fixture: LED 1200W (Q'ty:48)

Pole: 25m



Namhae Sports Park Main Stadium Light Level: 800LUX Fixture: LED 1200W (Q'ty:72) Pole: 30m (Q'ty:4)



Gangbuk Public Stadium Light Level: 500LUX Fixture: LED 1200W (Q'ty:48) Pole: 30m (Q'ty:4)



Metropolitan Area Landfill Futsal Light Level: 400LUX Fixture: LED 600W (Q'ty:10) Pole: 15m (Q'ty:2)



Jangheung Jeongnamjin Resort Soccer Light Level: 600LUX Fixture: LED 1200W (Q'ty:48) Pole: 24m (Q'ty:4)



Yeoju Gangcheon Sports Park Jokgu Light Level : 400LUX Fixture : LED 1000W (Q'ty:12) Pole : 15m (Q'ty:2)



Yeongwol Baseball Light Level : infield 800LUX outfield 500LUX Fixture : LED 1200W (Q'ty:50) Pole : 25m (Q'ty:6)



Hongseong Gyeolseong Middle School Baseball Light Level: infield 500LUX outfield 300LUX Fixture: LED 1200W (Q'ty:34) Pole: 27m (Q'ty:6)



Hampyeong Jeonnam Baseball Light Level: infield 800LUX outfield 500LUX Fixture: LED 1200W (Q'ty:64) Pole: 27m(Q'ty:4), 25m(Q'ty:2)



Andong Extreme Park Light Level: 800LUX Fixture: LED 600W (Q'ty:16) Pole: 12m (Q'ty:4)



Yeosu Jinnam Badminton Light Level: 1000LUX Fixture: LED 400W (Q'ty:45) Mounting Height: 11m



Seoul National University Affiliated Girls' Middle School Arts Education Center Light Level: 1000LUX

Fixture: LED 600W (Q'ty:16) Mounting Height: 9.5m

40 LED LIGHTING SOLUTION



Jeonbuk Student Training Center National Archery Light Level : Target 200LUX Fixture : LED 1200W (Q'ty:4) Pole : 15m (Q'ty:1)



Nonsan Beolgok-myeon Multi-Field Light Level: 50LUX Fixture: LED 600W (Q'ty:6) Pole: 12m (Q'ty:2)



Gimpo Masandong Multi-field Light Level: 200LUX Fixture: LED 300W (Q'ty:4) Mounting Height: 8m



Mokdong Ice Rink Light Level: 1000LUX Fixture: LED 200W (Q'ty:75) Mounting Height: 6m



Jeonbuk Student Marine Training Center Futsal Light Level: 250LUX

Fixture: LED 300W (Q'ty:12) Pole: 9m (Q'ty:2)



Cheongyang Public Stadium Jokgu Light Level: 350LUX Fixture: LED 600W (Q'ty:8) Pole: 15m (Q'ty:2)



Gimpo Salteo Sports Park gym (table tennis) Light Level: 600LUX

Fixture: LED 200W (Q'ty:24) Mounting Height: 10~12m



Deokjin Indoor Badminton Court Light Level: 1000LUX Fixture: LED 400W (Q'ty:50)

Mounting Height: 13m



Yecheon New Town Tennis Court

Light Level: 950LUX Fixture: LED 1000W (Q'ty:20) Pole: 15m (Q'ty:4)



Choansan Sports Town Futsal Field Light Level: 250LUX
Fixture: LED 200W (Q'ty:12)
Mounting Height: 3m



Naju Jokgu Light Level: 400LUX Fixture: LED 600W (Q'ty:8) Mounting Height: 14m



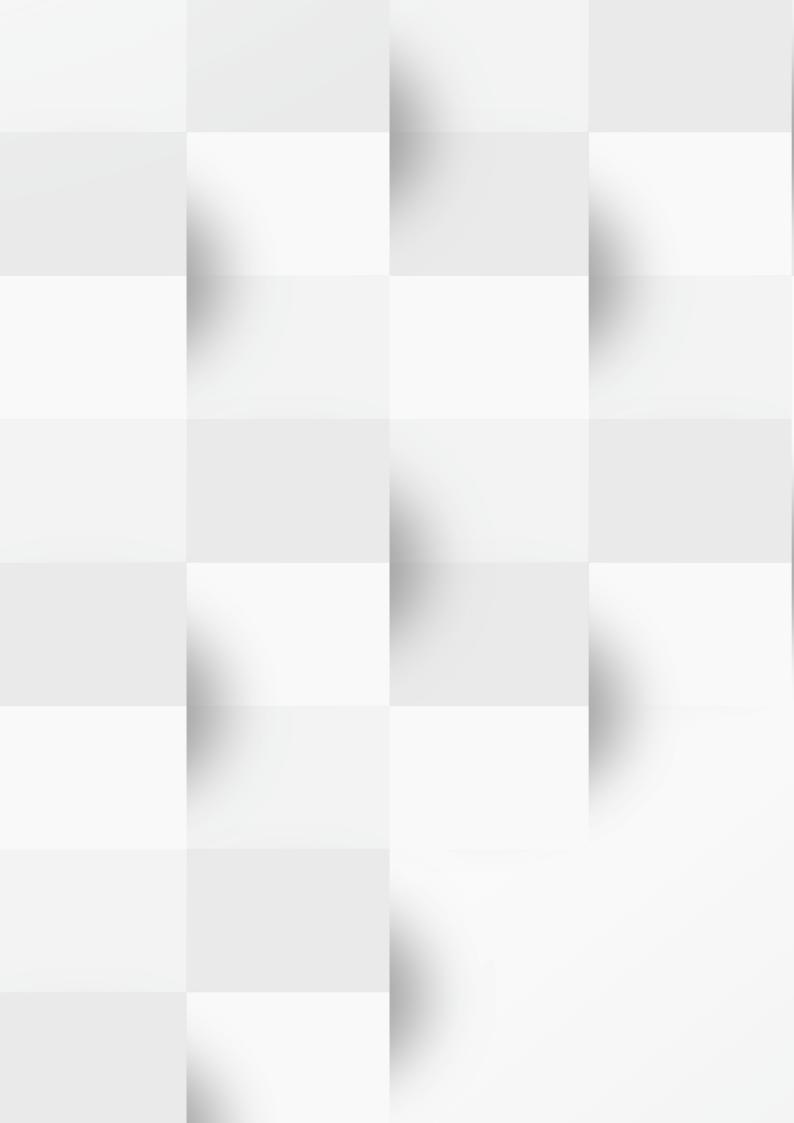
Suncheon Palma National Sports Center Light Level : 300LUX Fixture : LED 600W (Q'ty:8) Mounting Height : 13m













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