

OVS2000 **STELLON**  
BRIGHTLY ANYWHERE  
SLIM 50W FLOOD LIGHT



We are committed to provide high performance,high quality,high durability product as a reasonable price that lighting experts wanted,We aim for world best in outdoorlighting and specific object lighting

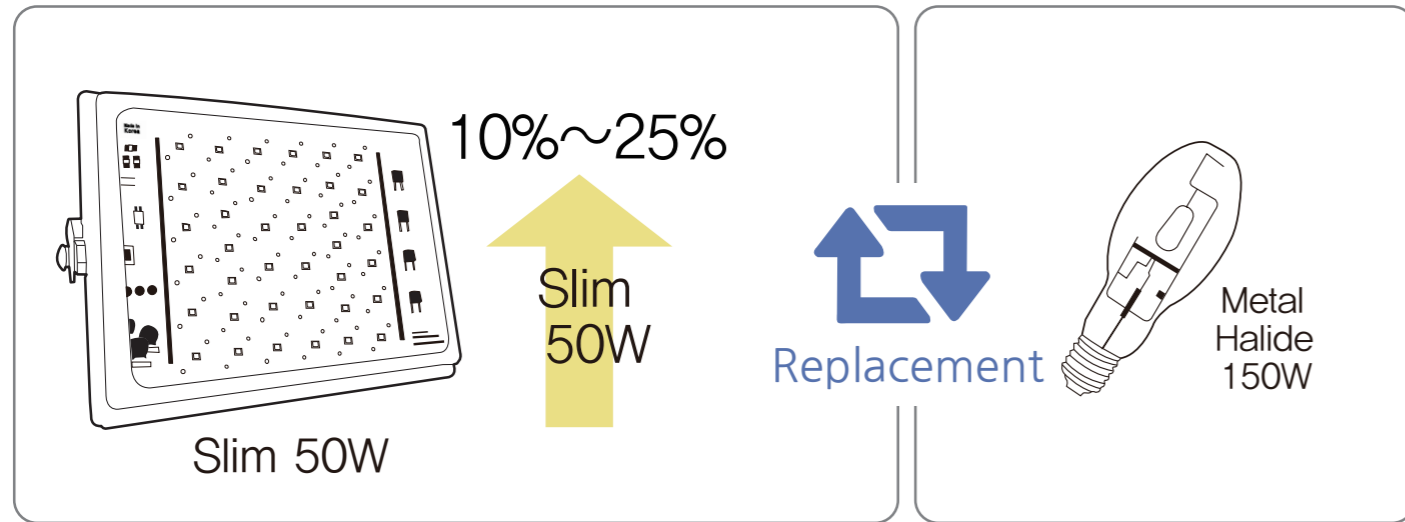


OVS2000  
SLIM 50W  
FLOOD LIGHT



### 01. SUBSTITUTION FOR METAL HALIDE

- Possible to replacement with metal halide 150W
- 10%~25% brightness up



### 02. PERFECT WATERPROOF

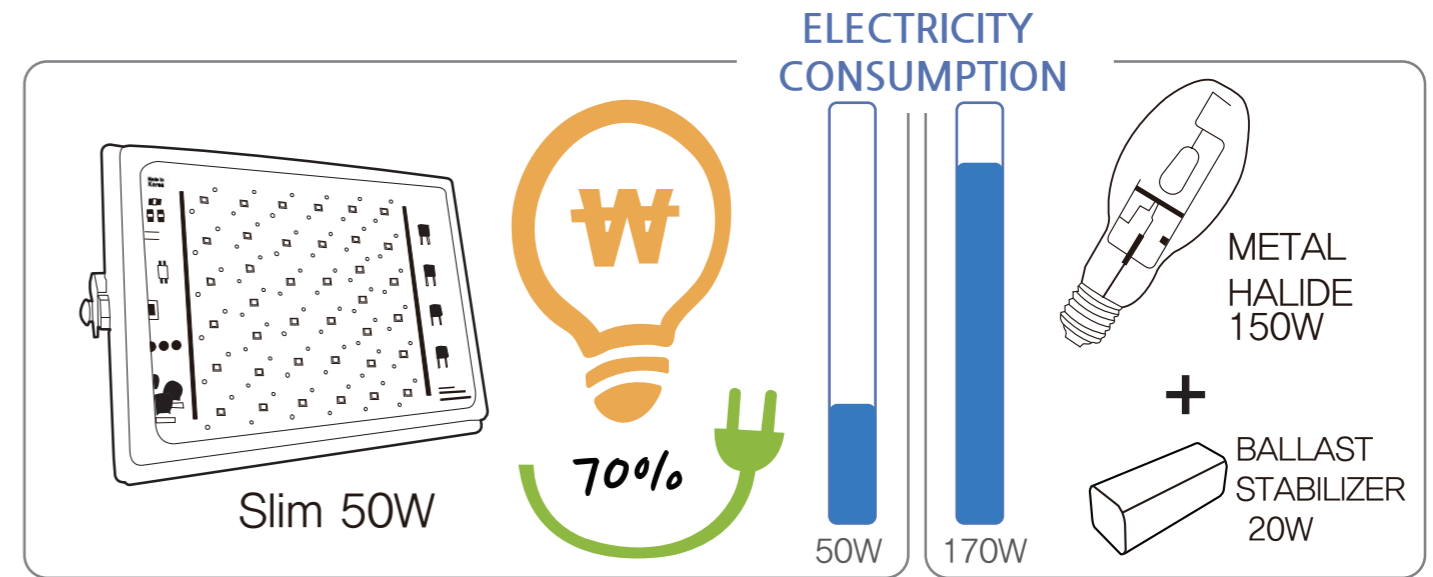
- IP67
- Related patent
- Moisture proof, micro dust proof, frozen proof



IP67 TEST REPORT : [http://www.egmtech.kr/?pageid=3&page\\_id=1380&uid=100&mod=document](http://www.egmtech.kr/?pageid=3&page_id=1380&uid=100&mod=document)

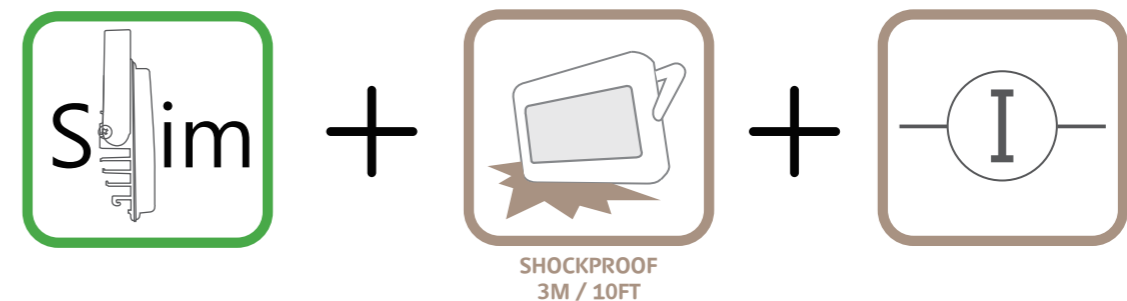
### 03. SAVING ELECTRICITY COST

- 60%~70% electricity cost reduction
- Energy saving



### 04. SLIM APPEARANCE & HIGH DURABILITY

- 45mm slim design
- 3m drop test
- Constant-current system



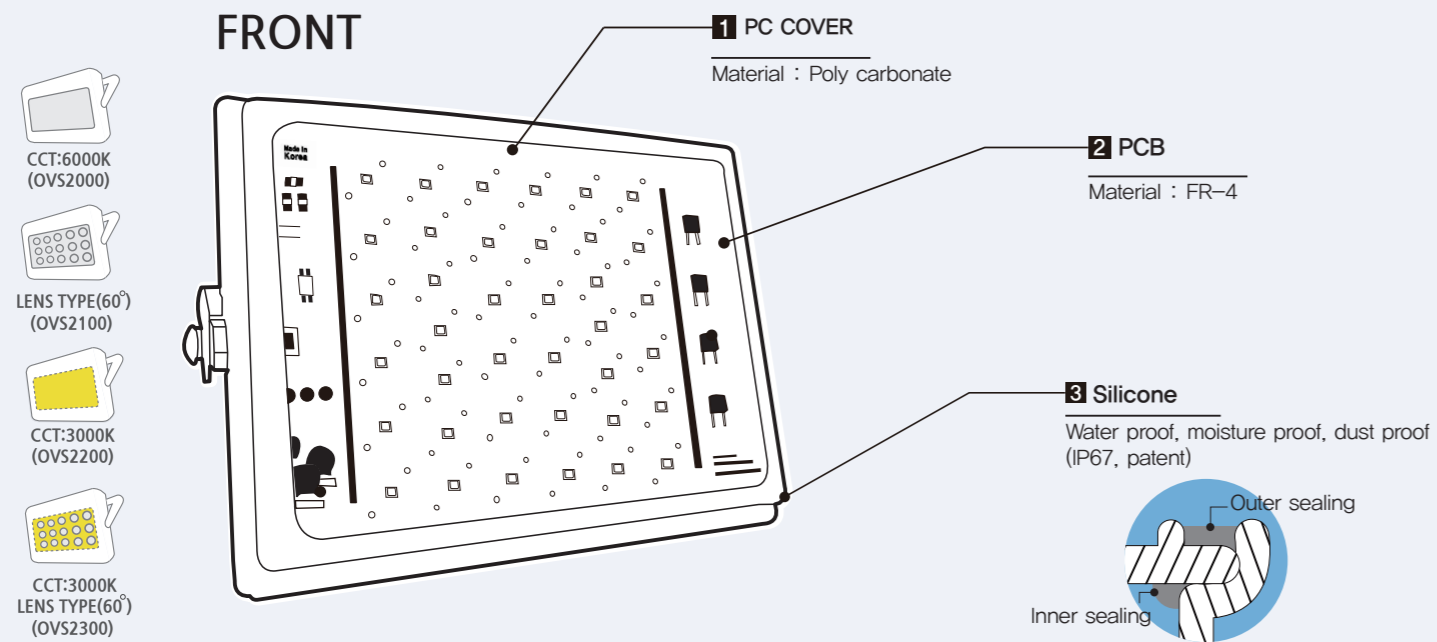
DURABILITY & ELECTRICAL SAFETY TEST VIDEO : [http://www.egmtech.kr/?page\\_id=1350&uid=17&mod=document](http://www.egmtech.kr/?page_id=1350&uid=17&mod=document)

# OVS2000 Series

## Specifications

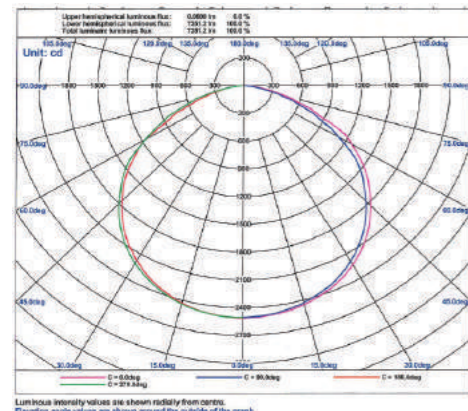
TOTAL FLUX	ILLUMINANCE (1M)	CRI	CCT
3,683(lm)	1,300(lux)	OVER 75	6000K

IP LEVEL	WEIGHT	OPERATING TEMPERATURE	POWER CONSUMPTION	INPUT VOLTAGE	POWER FACTOR
IP67	1 Kg	-50~55°C	50W	AC220V (190V~290V)	OVER 0.9

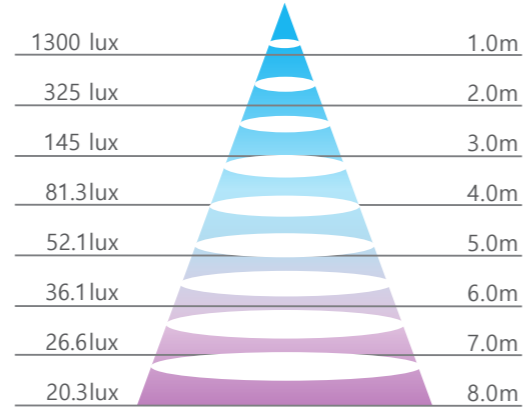


## Light Distribution & Cone Lux Levels

Beam angle : 120°



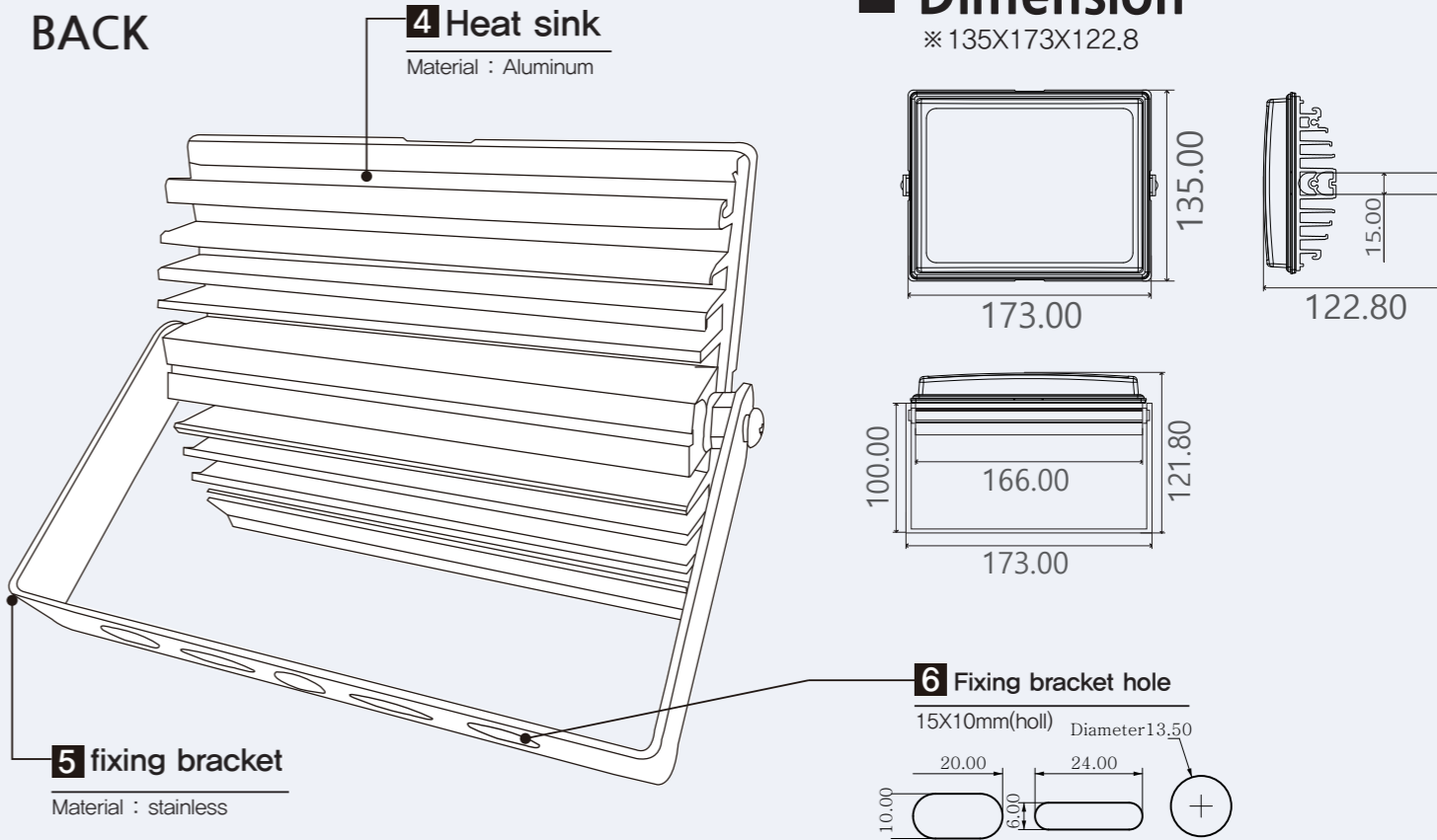
Total flux : 3683(lm)  
Illuminance : 1300(lux/1m)



# OVS2000 Series

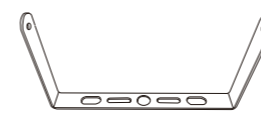
## Dimension

※ 135X173X122.8

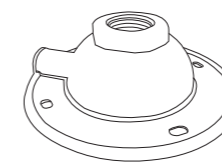


## Accessories

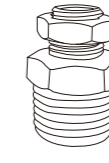
※ Accessories can buy separately.



U bracket  
(Basic component)



Flange



Connect socket set 2  
(using with flange)



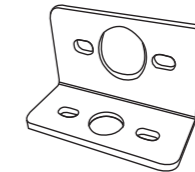
I pipe (70cm)



L pipe



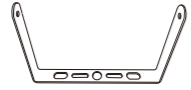

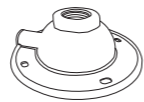
Connect socket set 3  
(using with flange)



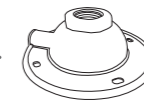


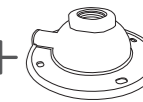


L shape socket

# Installation

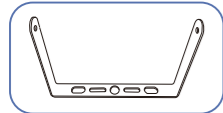
# Installation

1. Direct mounting installation	Composition	A. U bracket(1EA)+Connect socket set 2(1EA)+flange(1EA)				
	Image		+		+	
	Order code	Basic component	+	ACC021	+	ACC012

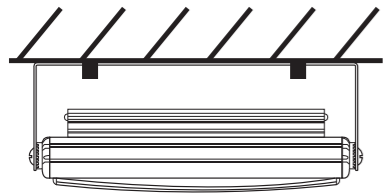
2. Pipe installation	Composition	A .I PIPE(1EA) + SOCKET L(1EA) + FLANGE(1EA)	B .L PIPE(1EA) + SOCKET SET 3(1EA) + FLANGE(1EA)								
	Image		+		+			+		+	
	Order code	ACC001 + ACC011 + ACC012			ACC004 + ACC020 + ACC012						

## HOW TO INSTALLATION

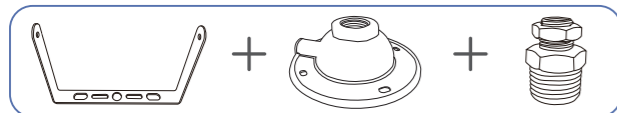
### U BRACKET



① Using screw on U bracket hole.



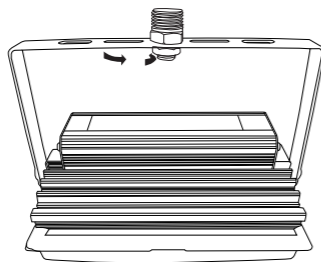
### A. Using flange direct mounting type



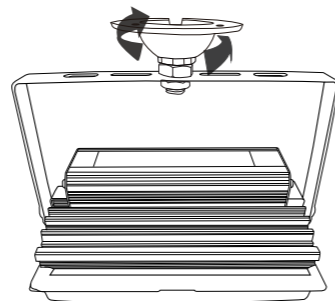
① Fix flange on the wall



② Connect socket set 2 on the bracket hole



③ Lock the socket with flange

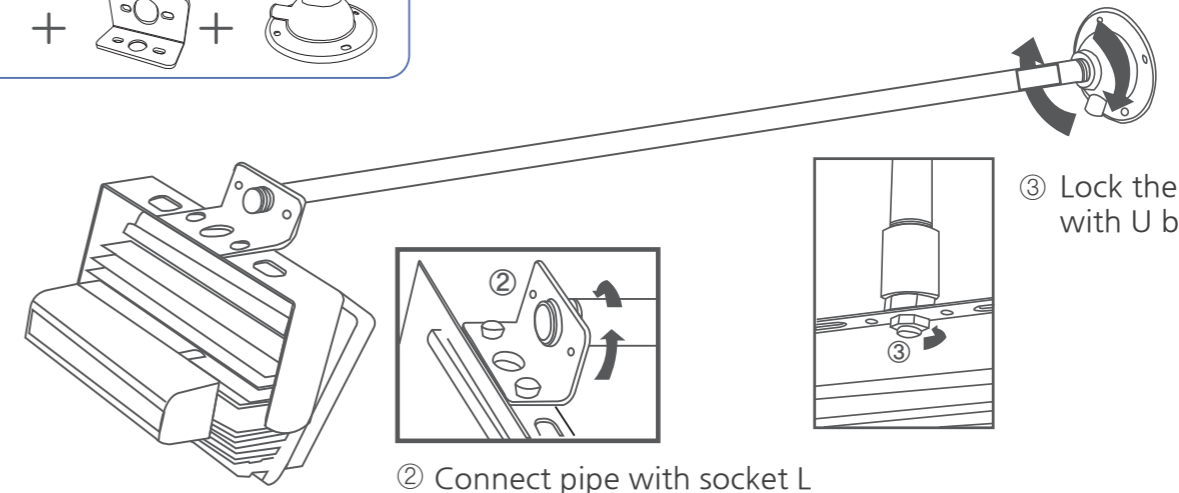


## HOW TO INSTALLATION

### A.I PIPE



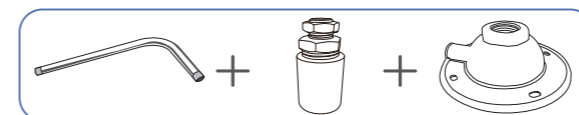
① Fix the flange on the wall



② Connect pipe with socket L

③ Lock the socket L with U bracket.

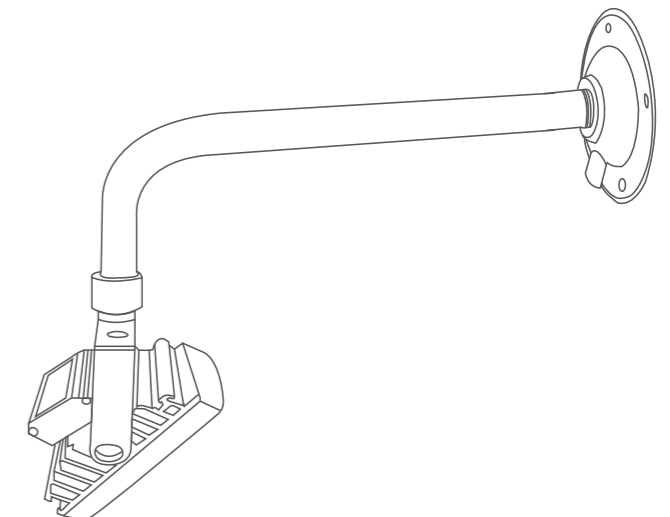
### B.L PIPE



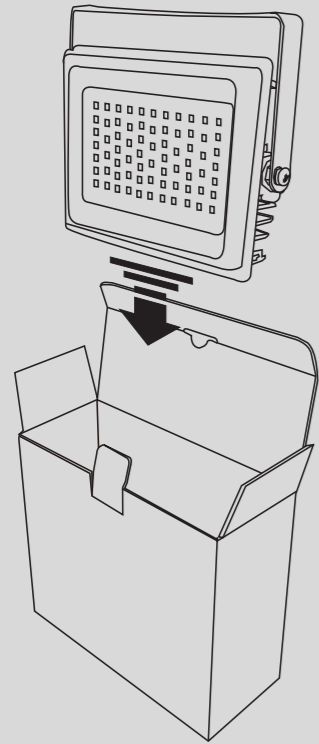
① Fix flange on the wall  
Connect the flange with pipe

② Connect pipe with socket L

③ Lock the connect socket with U bracket

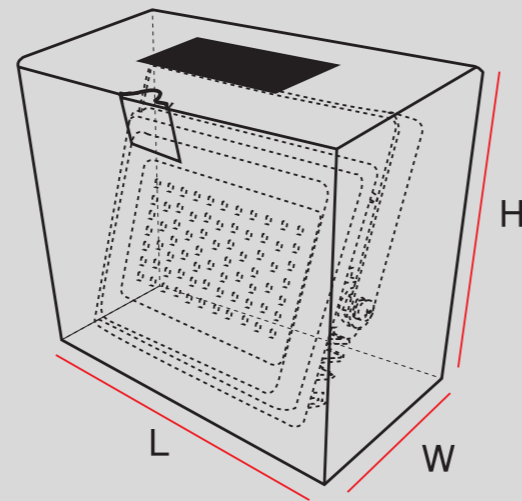


## 1. Packing(Inbox)



## 2. Inbox size

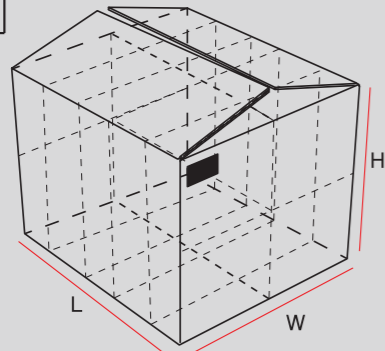
- BOX SIZE: 225(l)X95(w)X200(h)



## 3. Out box size

- Box size: 510(l)X480(w)X420(h)
- Box material: Corrugated fiber board

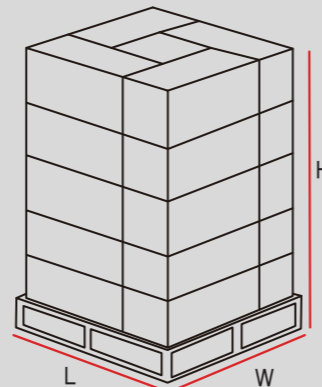
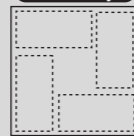
10ea \* 2 layer




## 4. Pallet loading

- Pallet size: 1100(l)X1100(w)X2220(h)
- Pallet materia: Plastic

4box X 5layer



접수번호(Order No.) : EKC2013-8255



### 전기용품안전인증서

Electrical Appliances Safety Certificate

안전인증번호 : JL11032-14001  
(Certificate No.)

제조업자명 : 주식회사 이지엠테크  
(Manufacturer)

대표자명 : 김승훈  
(President)

제조공장의소재지 : 경상북도 구미시 1공단로2길 13 (공단동)  
(Factory Address)

제품명 : 일반조명기구(투광조명기구)  
(Product) (Luminaires for floodlights)

기본모델명 : NF220V45WNA-CW  
(Basic Model)


정격 : 220 V~, 60 Hz, 45 W (0.5 W × 72 EA)  
(Rating)

파생모델명 : NF220V45WA6-CW, NF220V45WA6-WW, NF220V45WNA-WW  
(Series Model)

적용기준 : K60598-1(2012-12), K60598-2-5(2009-08)  
(Standard)

『전기용품안전관리법 시행규칙』 제6조 제2항의 규정에 따라 위의 전기용품에 대하여 안전인증서를 발급합니다.  
We Issue Electrical Appliances Safety Certification as above product by Article 6 Section 2 of the Electrical Appliances Safety Control Enforcement Regulation.

2014년 02월 20일  
year month day



**한국화학융합시험연구원**  
KOREA TESTING & RESEARCH INSTITUTE

이 인증서는 「전기용품안전관리법」에 따른 전기용품안전성 확인에 한정된 것이며 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당법률에 따라 추가로 인증 및 허가 등을 받아야 합니다.

첨부서류 (Annex)

1. 안전관리부품 및 재질목록(List of Critical components)
2. 기본모델 및 파생모델의 내용(General Descriptions of Certified Products)



	TEST	TEST condition	Sample qty / Defect qty	Remark
1	Water proof test	☐. Check the normal operating after put in water tank For 1 week(9hr on / 15hr off per 1 cycle).	5 / 0	
		☐. Check the moisture permeation after waterproof test and disassemble inside.	5 / 0	
2	Aging test	☐. Check the product condition after aging for 120hours under the rated voltage and room temperature.	5 / 0	
		☐. Check the illuminance value fluctuation range after 4hours aging, and 120 hours aging.	5 / 0	
		☐ Check the discolor, defect of PCB, PC Cover and any other part.	5 / 0	
3	Applied electric test under high/low temperature	☐. Check the normal operating after test under 60°C and -50°C per 120hours.	5 / 0	
4	EMI test	☐. Check the pass of KC standard with conduction and radiation.	5 / 0	
5	Surge test	☐. Check the normal operating under the 5KV, 10KV electric current.	5 / 0	
6	Drop test	☐. Check the crack or any other damage after drop from 2M height.	5 / 0	
7	Input rated voltage test	☐. 220V product : Check the normal operating on 210V ~240V (sustainment time : 2hours)	5 / 0	
8	Temporary over voltage test	☐. Check the normal operating under over 30% of rated voltage within 3 sec.	5 / 0	
9	Over voltage test	☐. Check the normal operating under over 20% of rated voltage.(20 hours lasts under AC290V)	5 / 0	
10	Converter inside	☐. Check the converter inside temperature after 5 hours aging under room temperature, and record it.(MAX temperature)	5 / 0	
11	Component temperature	☐. Check the most hottest part of temperature, and record it.(measure it after 3 hours power on)	5 / 0	

## Notice for using products



-Do not remodel or disassemble the product arbitrarily.  
(You can not get A/S when arbitrarily)



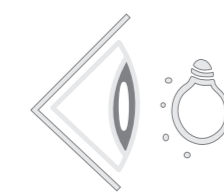
-Please be sure to install in where circuit breaker is installed.



-Please be sure to install at power off.



-Do not touch the product during the light on for a long time.



-Please do not look light directly when light on.

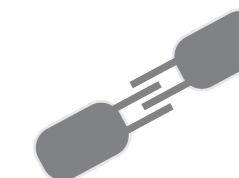
## Checklist for product problem



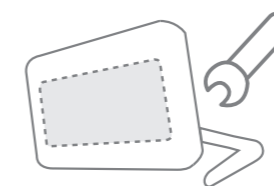
-If LED doesn't light on, please check the power circuit breaker.



-Make sure the power switch is set to ON.



-If the product does not light up after power on, please check the power cable contact status.



-When the product have problem, do not disassemble the product arbitrarily, and ask to store which you bought.  
(You can not get A/S when arbitrarily disassemble)



If product has trouble caused by natural disaster like thunderbolt or surge, you can not get free A/S.  
(It need cost for A/S)