

VICHIDA
BRIGHTLY EVERYWHERE

F600
DC12V45W 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

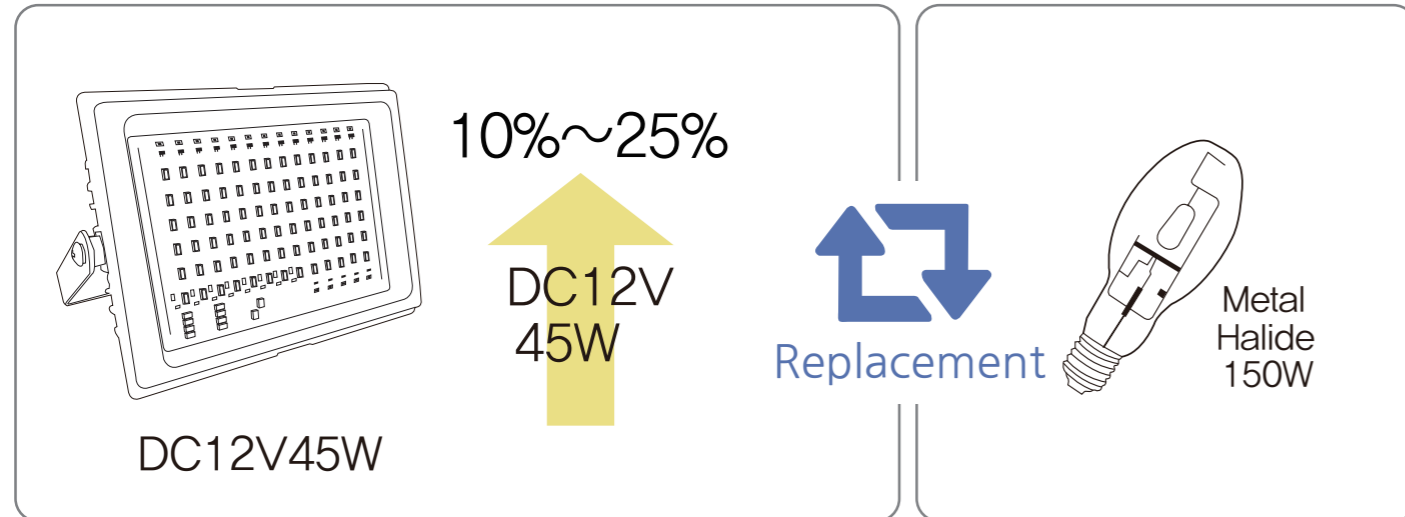


F600
DC12V45W
FLOOD LIGHT



01. METAL HALIDE SUBTITUTE

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



02. PERFECT WATERPROOF

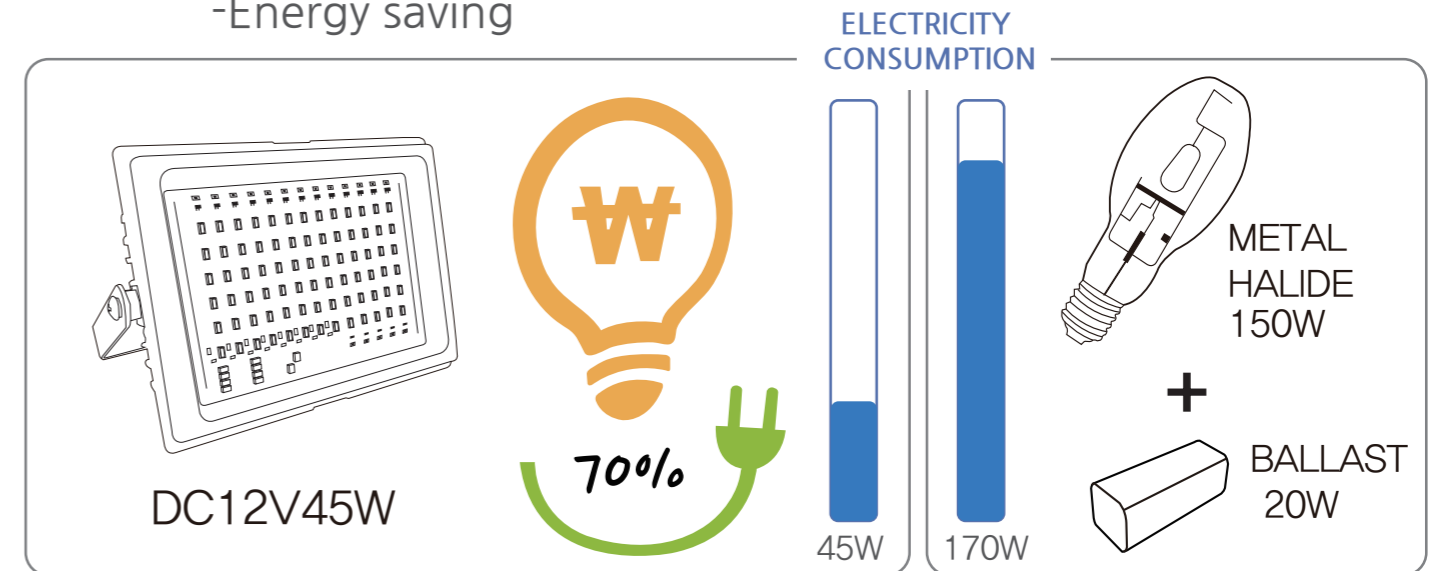
- IP67
- Related patent
- Moisture proof, micro dust proof, frozen proof



IP TEST REPORT :http://www.egmtech.kr/?pageid=3&page_id=1380&uid=100&mod=document

03. SAVING ELECTRICITY COST

- 50%~70% electricity cost reduction
- Energy saving



04. HIGH DURABILITY, ULTRA LIGHT

- Possible to control the angle
- simple installation
- heavy machine, vehicle, ship



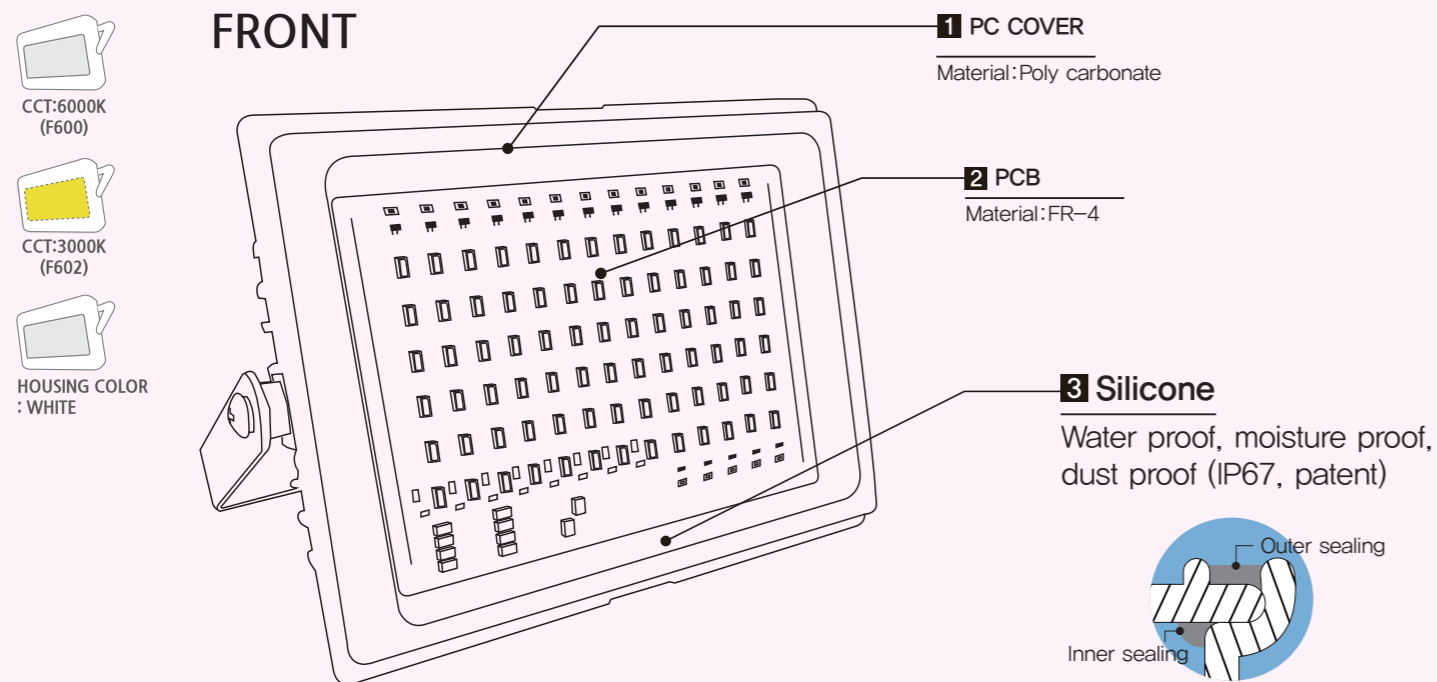
DURABILITY & ELECTRICAL SAFETY TEST VIDEO :
http://www.egmtech.kr/?page_id=1350&uid=17&mod=document

F600 Series (SPEC)

Specifications

TOTAL FLUX	ILLUMINANCE(1M)	CRI	CCT
3,350(lm)	1,180(lux)	OVER 75	6000K/3000K

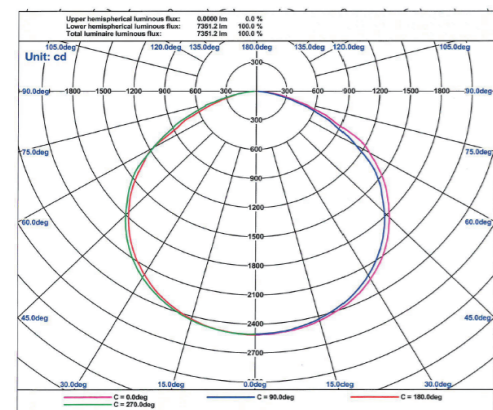
IP LEVEL	WEIGHT	TEMPERATURE	POWER	INPUT VOLTAGE
IP67	0.8 Kg	-20~40°C	45W	DC12V



Light distribution & Cone lux level

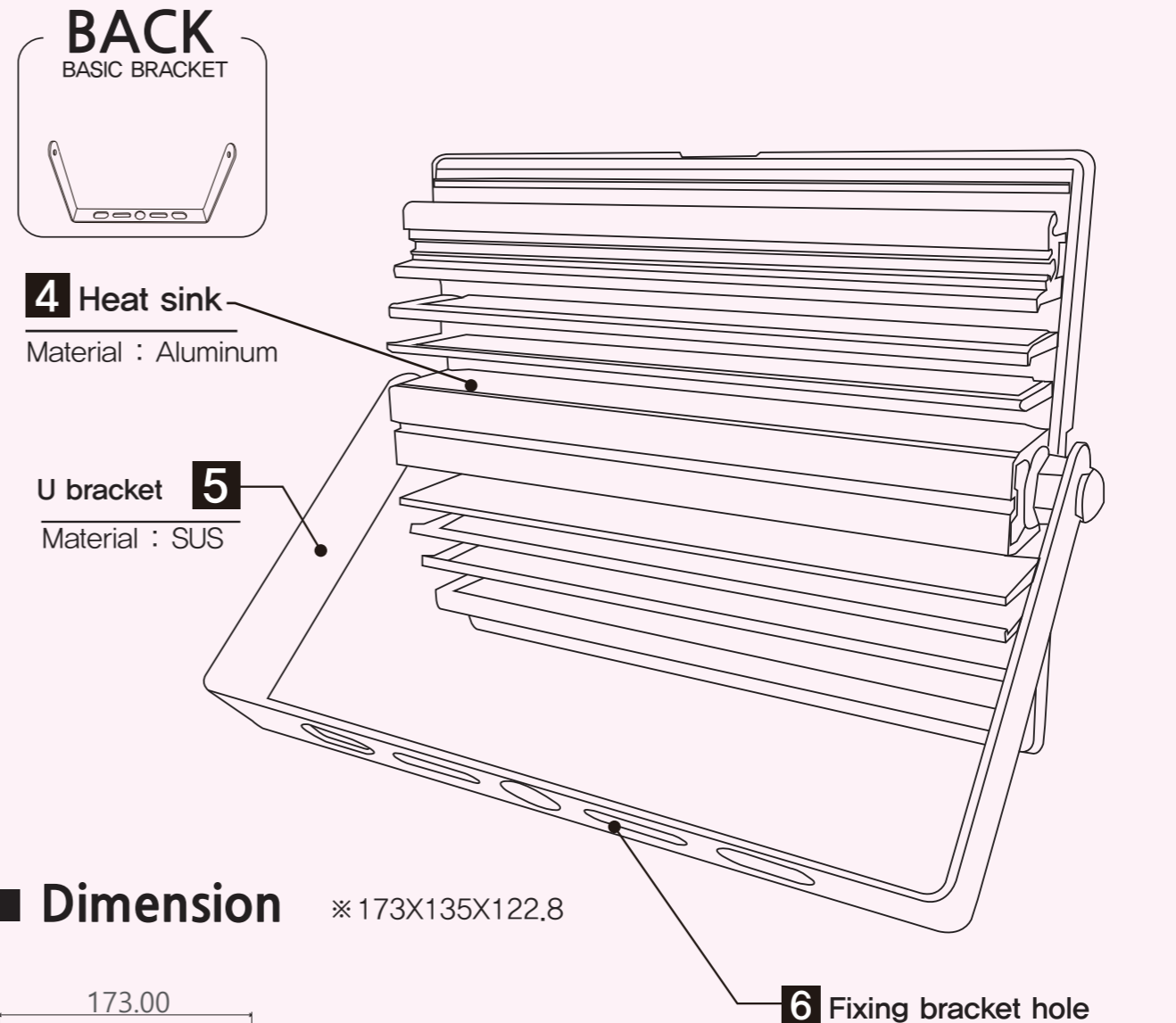
Total flux 3350(lm),
Illuminance 1180(lux/1m)

Beam angle
120°

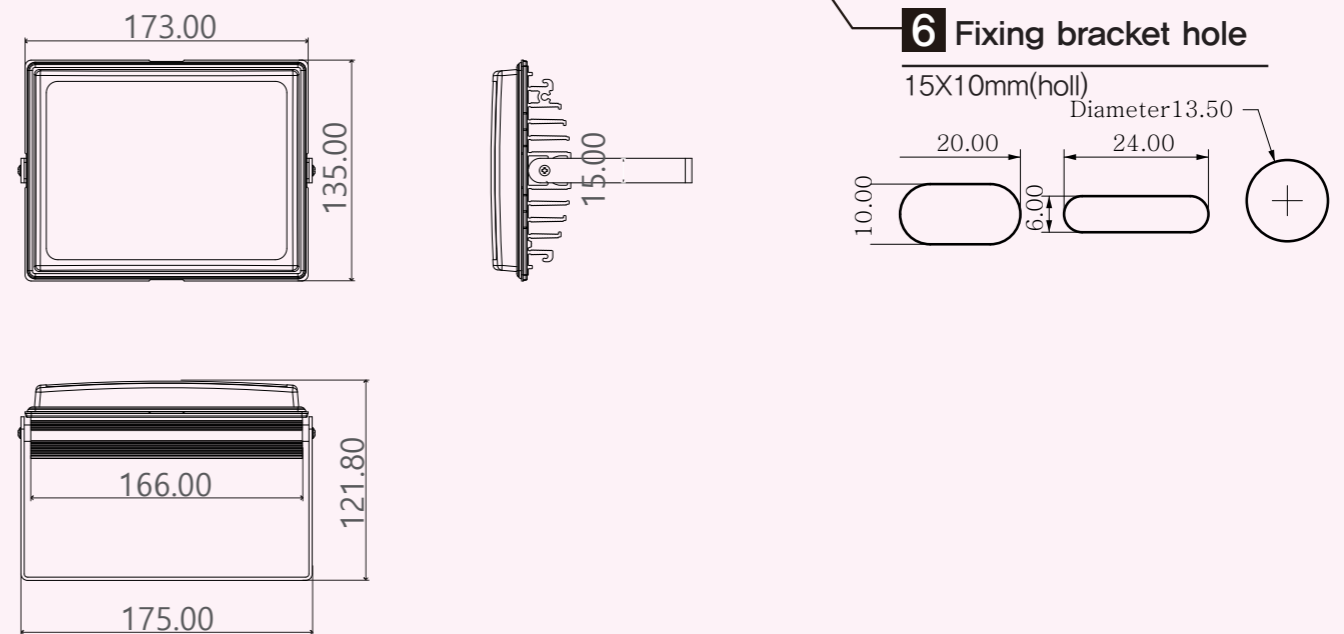


1180 lux	1.0m
301 lux	2.0m
134 lux	3.0m
75.2 lux	4.0m
48.1 lux	5.0m
33.4 lux	6.0m
24.6 lux	7.0m
18.8 lux	8.0m

F600 Series (STRUCTURE)








Dimension ※ 173X135X122.8



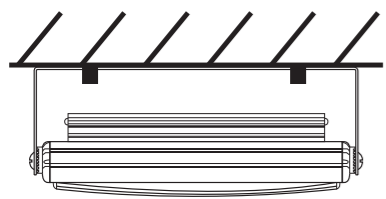
Installation

Packing

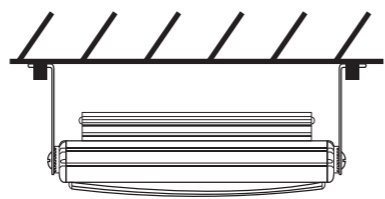
1.Direct mounting installation	Composition	A.U bracket	B.L bracket	C.U bracket(1EA)+ Flange(1EA) + Connect socket set 2(1EA)
	Image			 +  + 
	Order code	Basic component	Basic component	Basic component + ACC012 + ACC021

Setting up of the detailed way

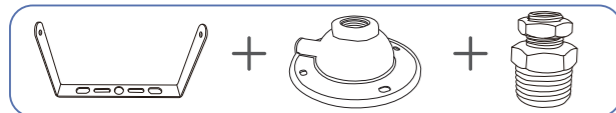
A.U bracket type



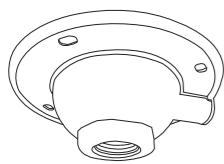
B.L bracket type



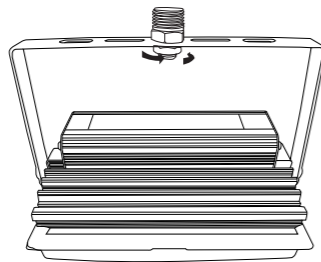
C.Direct Flang type



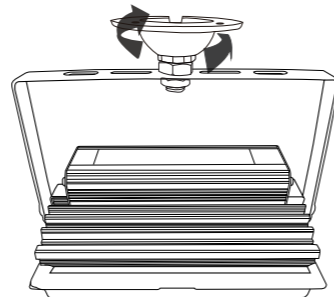
① Install the flange on the buttress



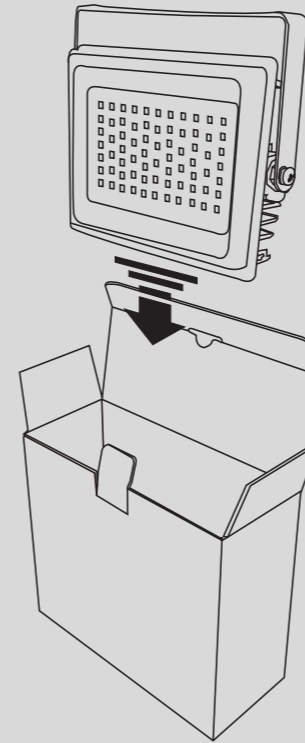
② Socket fitted to the product



③ Flange coupling with the socket

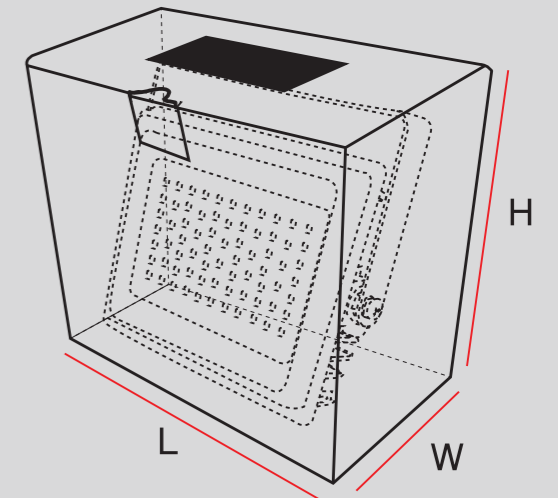


1.Packing(Inbox)



2.Inbox size

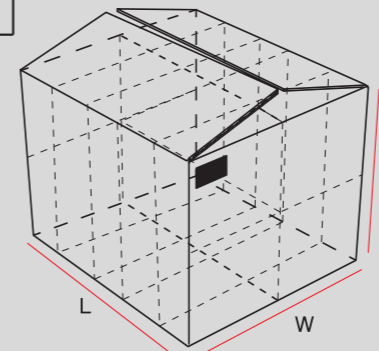
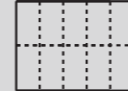
● BOX SIZE:225(l)X95(w)X200(h)



3.Out box size

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

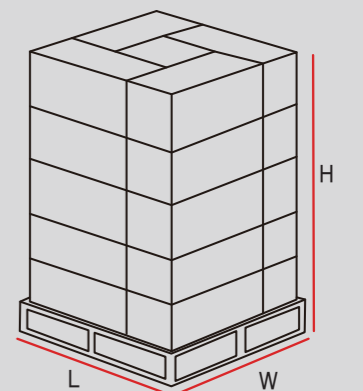
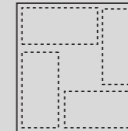
10ea X 2layer



4. Pallette loading

- Pallette size:1100(l)X1100(w)X2220(h)
- Pallette material:Plastic

4ea X 5layer



	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)



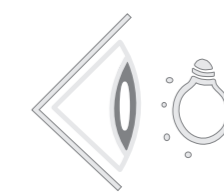
-Please be sure to install in where circuit breaker is installed.



-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.

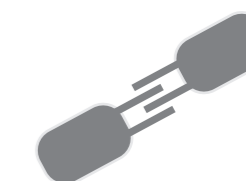
Checklist for product problem



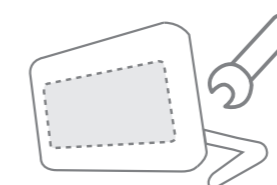
-If LED doesn't light on, please check the power circuit breaker.



-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)