H Series ultra slim LED flood light

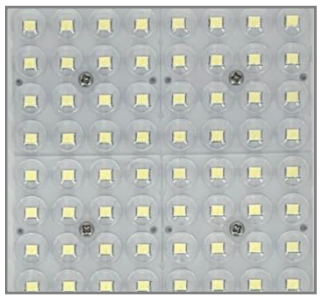
Features.:

- High-quality die-casting aluminum #ADC12 housing, with integrated shell, high hardness, not easy to break, good heat dissipation, greatly improving service life.
- The lamp body is completely sealed and suitable work in thunder and rain.
- High-quality high-brightness LED light source, high luminous efficiency, high color rendering, no radiation pollution, long service life.
- No EMI, low harmonic distortion (THD), through the CE, ROSS, FCC, SAA, RCM certification requirements.
- Working under the ambient temperature -30° to 55°
- Ease of maintenance. Tool-less opening of gear compartment & gear tray replacement

Overview

- **LED Source: Lumileds 3030 LED**
- **Input Vol: AC100-277V,50/60hz**
- **CRI: ⩾70/80Ra**
- **IP Rate: IP66**
- **Bracket Max rotatable angle: 180°**
- **Body: Surface anti-corrosive treatment**

Optical Lens:
PC+4mm thickness tempered glass



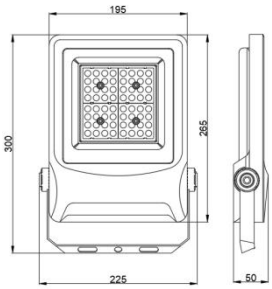
High luminous efficacy lamp beads:
Adopt high luminous efficiency chip, long lamp

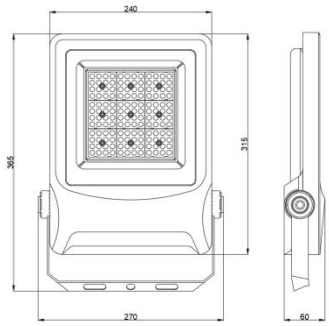
lit. scatter heat device:
One-piece die-cast aluminum kit with air convection heat dissipation design for even heat dissipation and long life.

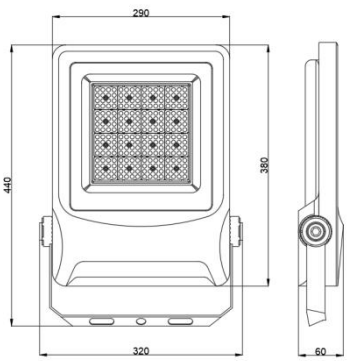
Adjustable Bracket:
Precise scale, accurate and convenient angle adjustment. It can support 0-270° angle adjustment.

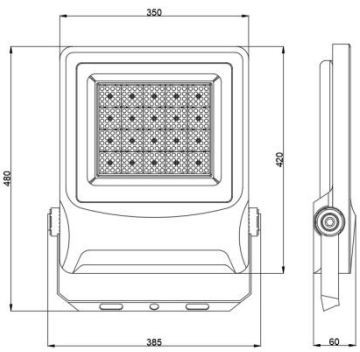
Model	Housing Dimensions(mm)	Housing Net weight	Suitable for Wattage
50W	300*225*50	1.27 KGS	40-60W
100W	365*270*60	2.19 KGS	80-100W
150W	440*320*60	3.02 KGS	120-150w
200W	480*385*60	4.11 KGS	180-200W
300W	560*445*60	5.78 KGS	250-300W
500W	655*515*60	7.97 KGS	400-500W

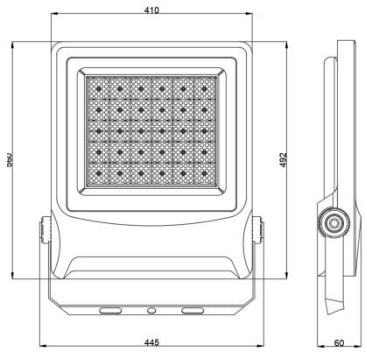
Production dimensions

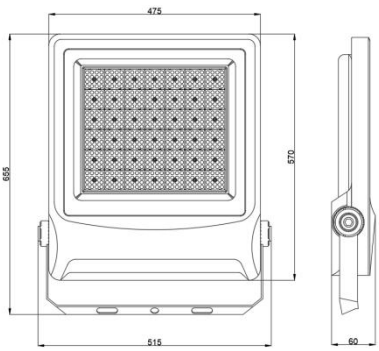









410
492
445
60

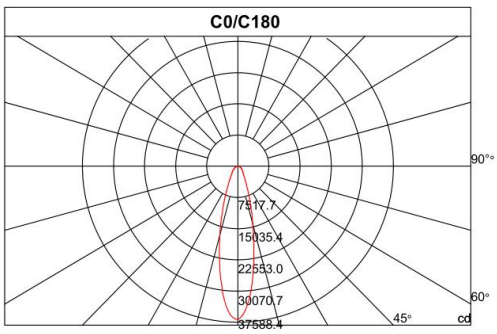

475
570
515
60

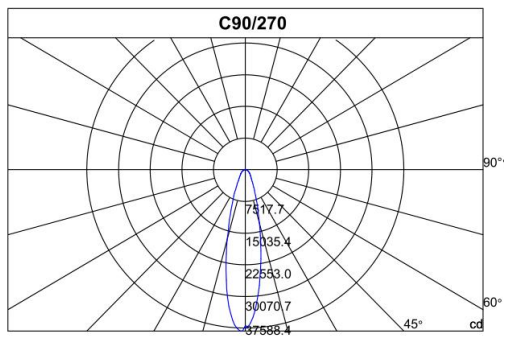
Products Characteristics

Model：	MS-YFL50W-H01	MS-YFL100W-H02	MS-YFL150W-H03	MS-YFL200W-H04	MS-YFL300W-H05	MS-YFL500W-H06
Wattage:	40-60W	80-100W	120-150W	180-200W	250-300W	400-500W
Led Source:	Lumileds 3030 LED	Lumileds 3030 LED	Lumileds 3030 LED	Lumileds 3030 LED	Lumileds 3030 LED	Lumileds 3030 LED
Led Qnty:	64 PCS	144 PCS	256 PCS	320 PCS	480 PCS	672 PCS
Working voltage：	AC100-277V	AC100-277V	AC100-277V	AC100-277V	AC100-277V	AC100-277V
Driver brand options	Meanwell/Philips/ Inventronics /Sosen/Mosun	Meanwell/Philips/ Inventronics /Sosen/Mosun	Meanwell/Philips/ Inventronics /Sosen/Mosun	Meanwell/Philips/ Inventronics /Sosen/Mosun	Meanwell/Philips/ Inventronics /Sosen/Mosun	Meanwell/Philips/ Inventronics /Sosen/Mosun
Optical lens options	30/60/90° 120° /T2 / T3/T4	30/60/90° 120° /T2 / T3/T4	30/60/90° 120° /T2 / T3/T4	30/60/90° 120° /T2 / T3/T4	30/60/90° 120° /T2 / T3/T4	30/60/90° 120° /T2 / T3/T4
Lumen efficiency：	130-140lm/w	130-140lm/w	130-140lm/w	130-140lm/w	130-140lm/w	130-140lm/w
Luminous	6500-7000lm	13000-14000lm	19500-21000lm	26000-28000lm	39000-42000lm	52000-56000lm
Power Factor:	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Correlated Color Temperature：	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Color rendering index：	≥70Ra	≥70Ra	≥70Ra	≥70Ra	≥70Ra	≥70Ra
SDCM	<5	<5	<5	<5	<5	<5
IP Rating:	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08	IP66/IK08
Surge protection (optional)	10KV/20KV	10KV/20KV	10KV/20KV	10KV/20KV	10KV/20KV	10KV/20KV
PIR	support	support	support	support	support	support
Housing Finish	Polyester powder coating	Polyester powder coating	Polyester powder coating	Polyester powder coating	Polyester powder coating	Polyester powder coating
Standard colour(s)	Black	Black	Black	Black	Black	Black
Materials	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate	Aluminum Alloy+Tempered glass+Polycarbonate
Certificates	CE/RoHS	CE/RoHS	CE/RoHS	CE/RoHS	CE/RoHS	CE/RoHS
Warranty	5 years	5 years	5 years	5 years	5 years	5 years

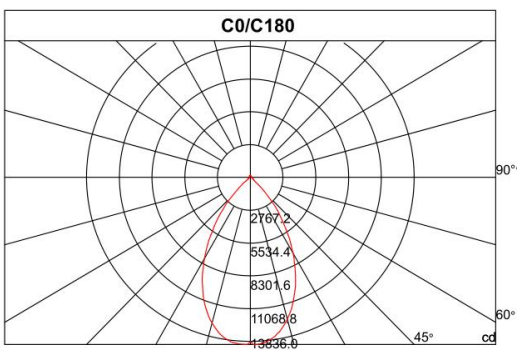
Photometric Distribution

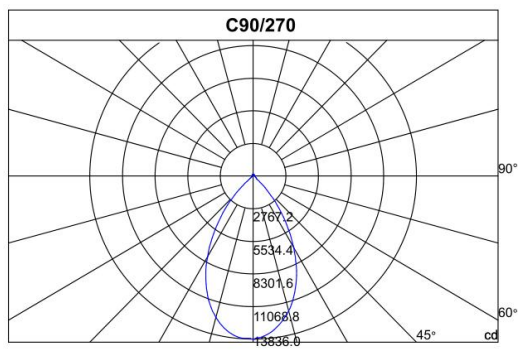
30°



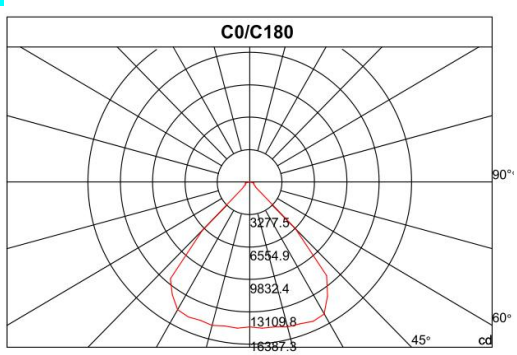


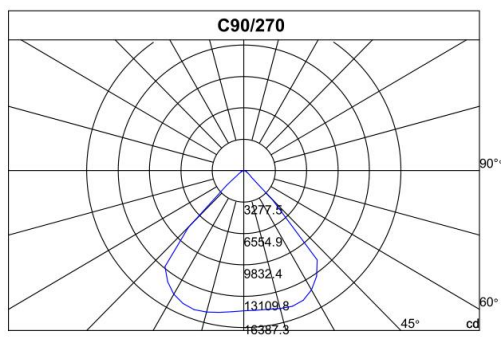
60°



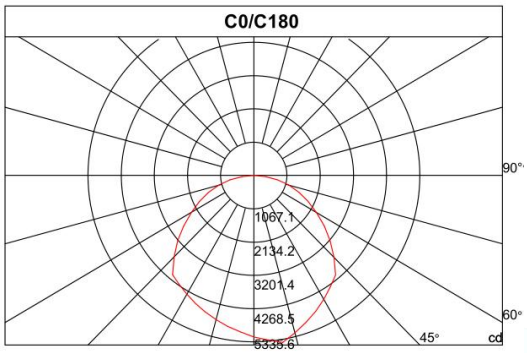


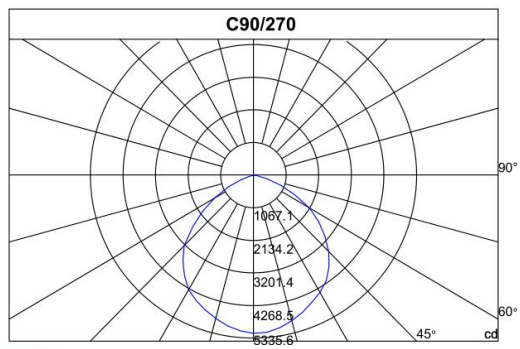
90°



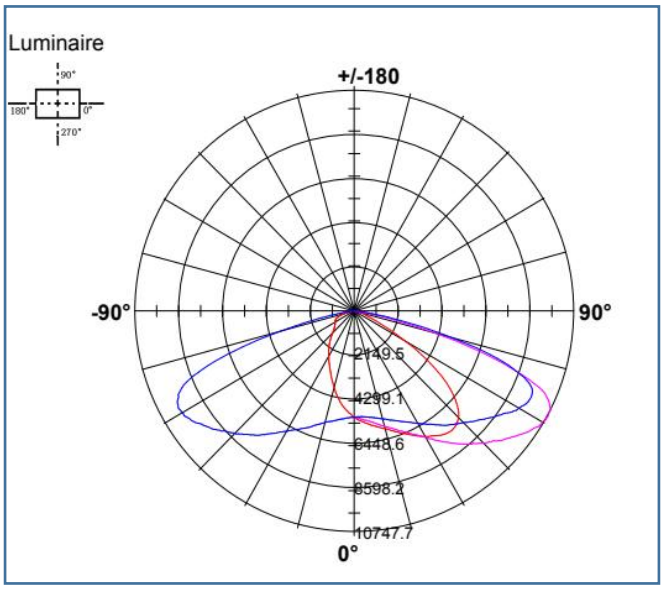


120°

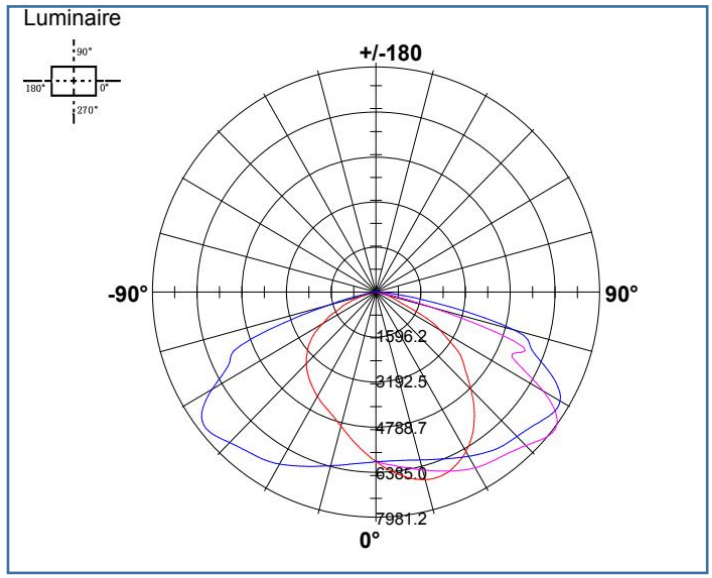




Type II



Type III



Breathing valve Optional：

- Waterproof
- Air circulation
- Pressure balance

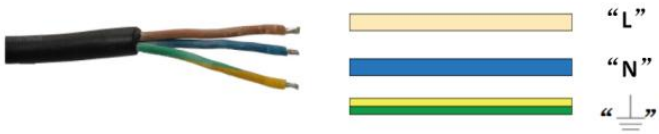
Driver brand optional：

- Meanwell
- Turefull
- Philips
- Inventronics

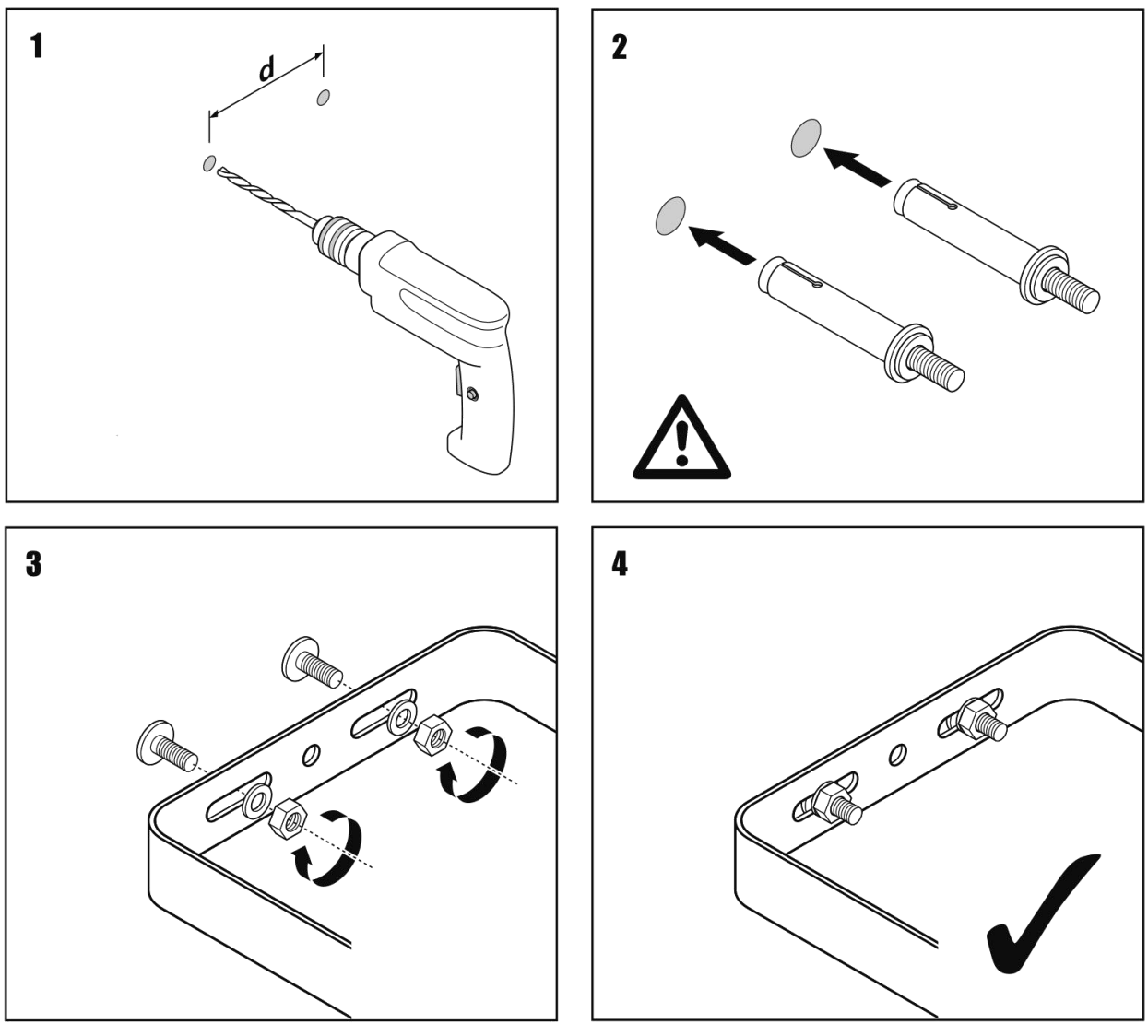
Installation Instructions

Attention:

1) Be sure disconnect power before installing, don't construction with electricity.
2) Product working voltage is AC100~277V,50/60Hz， Please do not exceed the working voltage range.
3) Input product line, brown is **L** ,blue is **N**, yellow-green is **GND**.
4) Be sure wiring is closed and prevent leakage, when installing.
5) The lamp can not be used in violation of any fire regulations.

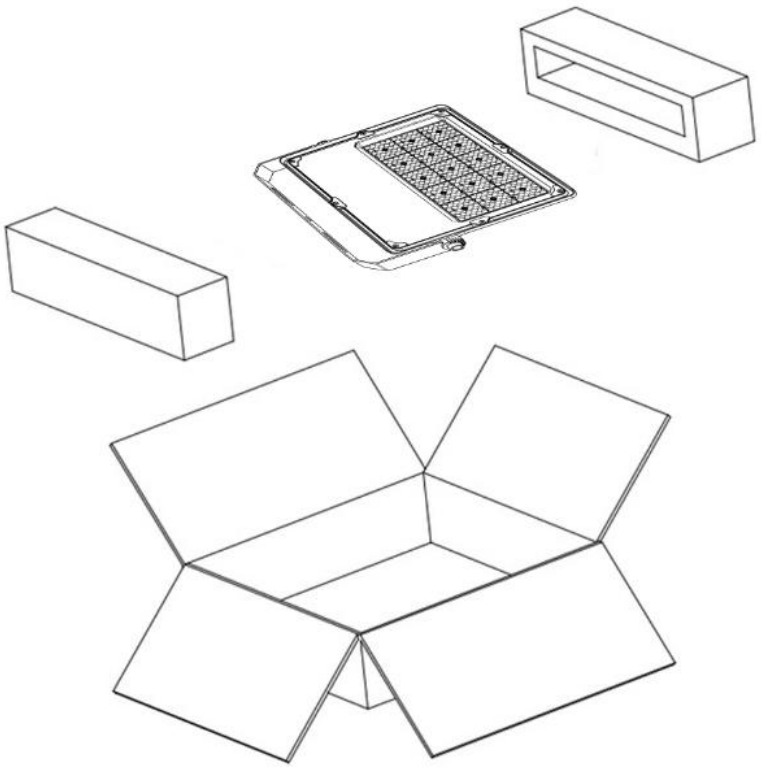


LED Floodlight



Package

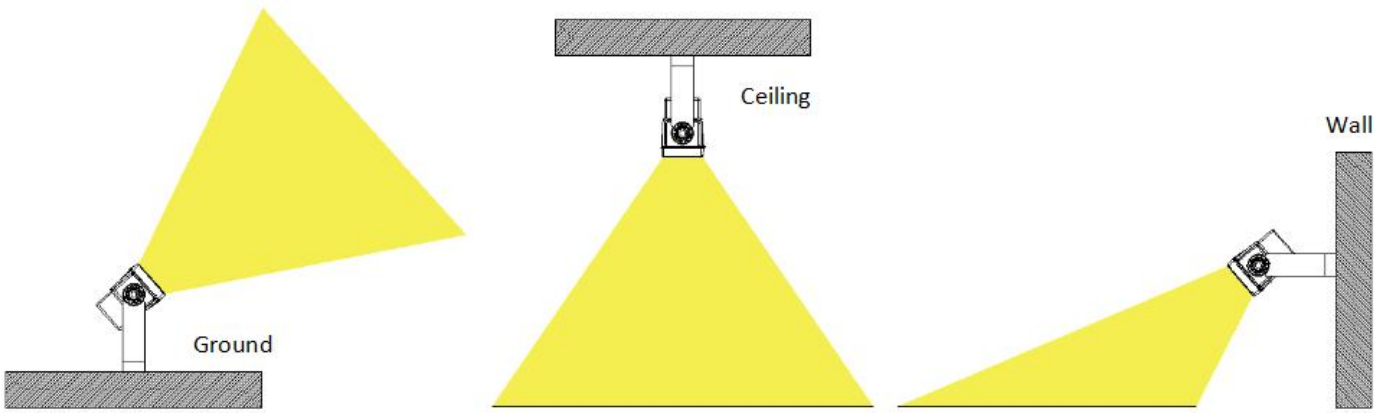
Item	MS-YFL50W-H01	MS-YFL100W-H02	MS-YFL150W-H03	MS-YFL200W-H04	MS-YFL300W-H05	MS-YFL500W-H06
Package Qty	10 PCS	1 PCS	1 PCS	1 PCS	1 PCS	1 PCS
GW	13.7 KG	2.59 KG	3.55 KG	4.9 KG	6.8 KG	8.8 KG
Cartons(mm)	315*285*470MM	395*290*90MM	470*350*100MM	510*420*100MM	590*480*100MM	690*550*100MM



Mosun Warranty Policy

All products are under 5-year warranty since the date of luminaires were deliver to you.

1. Under warranty terms,if products are broken down under normal usage within warranty period,Mosun company will provide new lamp for instead of or provide FREE Maintenance service base on the proof-documents and invoice (copy) of the failed products.
2. Mosun company will not provide paid maintenance service under following conditions even within warranty period.

a)Failure or damage caused by force majeure.
b) Failure or damage caused by transportation or unloading
c) Failure or damage caused by incorrectly usage or fail to comply with the manual and caution
d) Failure or damage caused by demolition, repair or alternation without our authorization.

3. Mosun company always reserves the right for final explanation of aforesaid terms