

# LF70H LED Flood Light



## Products description and application

LF70H series LED flood light is used as flood lighting for large areas like Port, Mine site, Square, Overpass.

Standard: IEC60598-1\IEC60068-2\IEC60529\IEC62262\EN55015

Certificate: CE

## Features

- Professional lighting distribution design for high mast application
- Module design, flexible combination, ease for maintenance
- High efficient heat dissipation structure design
- Adopt world class LEDs chips and driver, product operates reliable.
- PWM/0-5V/0-10V/time control, dimming control are optional

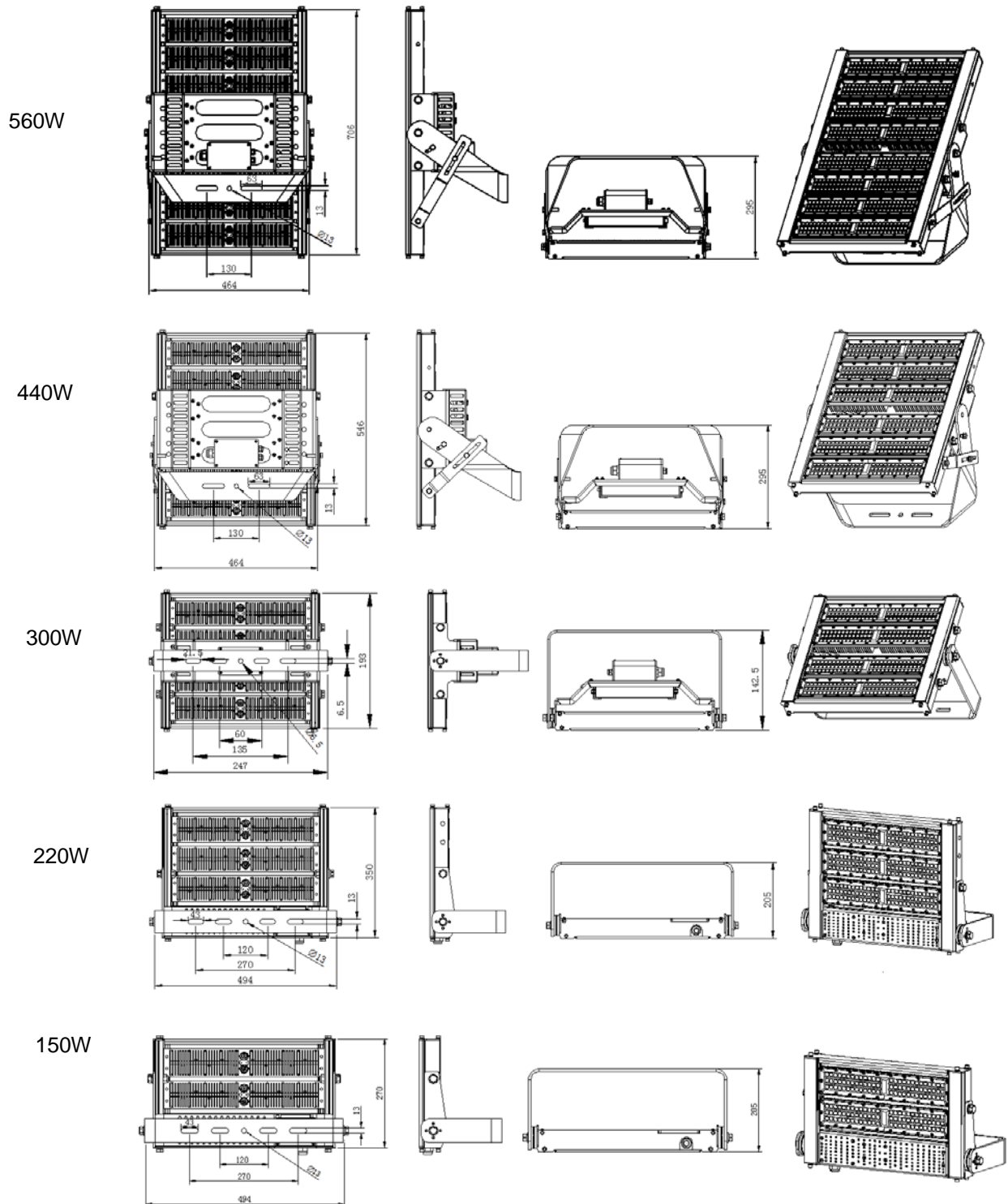
## General Specifications

Electrical		Mechanical	
Rated voltage	AC100V~AC240V	Body material	Aluminum alloy + SS
Frequency	50Hz~60Hz	Cover material	PC
Rated power consumption	560W/440W/300W/220W/150W/75W	Safety wire material	SS
Power factor	>0.9	Operating temperature	Ta-30°C ~ +60°C(overheat protection)
Lightning surge	GB/T 17626.5-2008±2KV	IP Rate	IEC60529 IP67
Electrostatic discharge	GB/T 17626.2-2008±6KV	Anti-vibration	IEC60068 3G
EMC	GB/T 17626.5-2008 GB/T 17626.2-2008 GB/T 17626.4-2008	IK rate	IEC62262 IK08
		Salt spray rate	ISO9227 720H
		Body color	Silver
		Weight	560W: 25kg, 440W: 23kg, 300W: 16kg, 220W: 13kg, 150W: 11kg, 75W: 9kg
Photometric			
LEDs life span	≥50000h		
Color temperature	Cold white: 5500K-6000K	Warm white:2700K-3000K	
Lumen per Watt	Cold white: 120 lm/w	Warm white:100 lm/w	
CRI	Cold white: Ra≥70	Warm white: Ra≥80	
Beam angle	HM wide beam		

# LF70H LED Flood Light



## Mounting dimensions

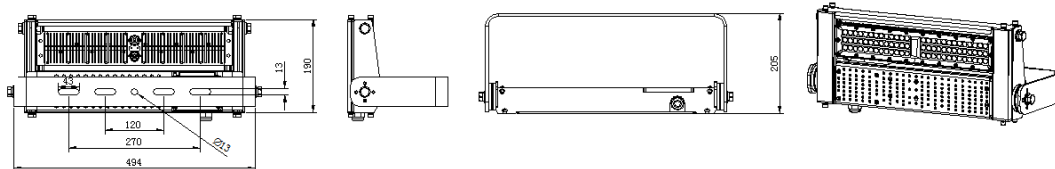


# LF70H LED Flood Light



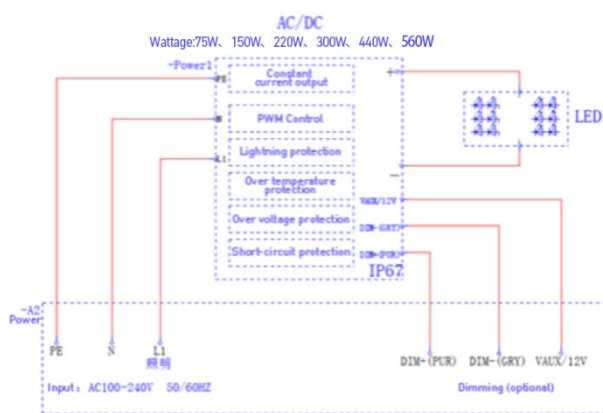
## Mounting dimensions

75W



## Wiring diagram

Internal wiring (Lead wire type)



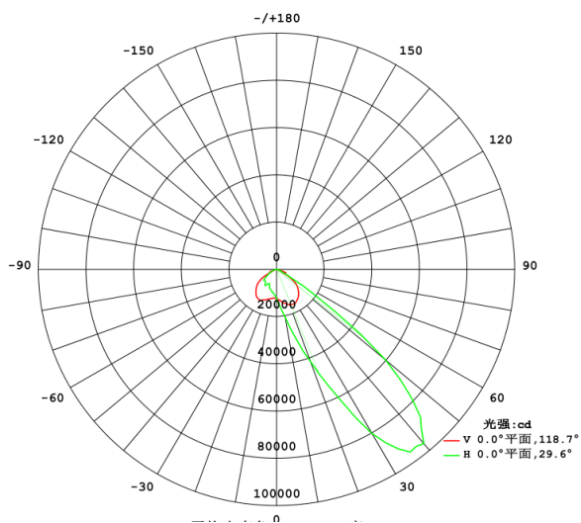
### Caution

- High power LED light has high temperature on product surface while operating, do not cover the product with any objectives. It is suggest the distance more than 3 meters between product and illuminated objective, prevent burns or fire.
- It is normal phenomenon that the lighting surface temperature rising while it is operating.
- Turn off the power when repair or maintain the product, all wiring should be done by a licensed electrician.

## Installation and Operation

- Fix product to mount face by using M12 screws(not provided), ensure mount surface is flat and has enough mechanical strength.
- Secure safety wire to suitable position, ensure the position has enough mechanical strength.
- Connect cable L, N, PE to terminal blocks.
- Ensure cable connection is correct before power on.
- Cable is 16AWG three-core at least.
- No requirement of installation height.

## Lighting distribution curve



## Application



# LF70H LED Flood Light



## How to Order

P/N	Power	Voltage	CCT	Beam angle	Wiring	Mount	Remark
1000263-001	560W	AC100V-AC240V	5500K-6000K	HM Wide	One M20*1.5 metal cable gland	SS bracket	
1000263-002	440W	AC100V-AC240V	5500K-6000K	HM Wide	One M20*1.5 metal cable gland	SS bracket	
1000263-003	300W	AC100V-AC240V	5500K-6000K	HM Wide	One M20*1.5 metal cable gland	SS bracket	
1000263-004	220W	AC100V-AC240V	5500K-6000K	HM Wide	One M20*1.5 metal cable gland	SS bracket	
1000263-005	150W	AC100V-AC240V	5500K-6000K	HM Wide	One M20*1.5 metal cable gland	SS bracket	
1000263-006	75W	AC100V-AC240V	5500K-6000K	HM Wide	One M20*1.5 metal cable gland	SS bracket	
1000263-007	440W	AC100V-AC240V	5500K-6000K	HM Wide	One M20*1.5 metal cable gland	SS bracket	
1000263-008	300W	AC100V-AC240V	2700K	HM Wide	One M20*1.5 metal cable gland	SS bracket	
1000263-009	440W	AC100V-AC240V	2700K	HM Wide	One M20*1.5 metal cable gland	SS bracket	
1000263-010	440W	AC100V-AC240V	2700K	HM Wide	One M20*1.5 metal cable gland	Customized bracket	Customized

Thanks for choosing our products, NANHUA Electronics is the professional brand of signal transmission and high quality industrial lighting which is trusted and loved by global users from various industries. Read and understand these instructions completely and carefully. Wrong installation and operation may lead to fires, electric shock, and others. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

©NANHUA Electronics Co., Ltd. All rights reserved. [www.nanhua.com](http://www.nanhua.com)