

LF70E LED Flood Light

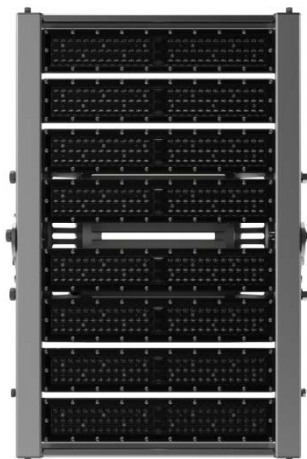


Products description and application

LF70E series LED flood light is specially designed for the harsh environment application of Port, Mine site etc. Product has high luminous efficacy, C4 level anti-corrosion capacity and 5G anti-vibration ability.

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

Certificate: CE



Features

- Module design, flexible combination
- High efficient heat dissipation structure design
- Series and parallel electric circuit design
- PWM/0-5V/0-10V/time control, dimming control are optional

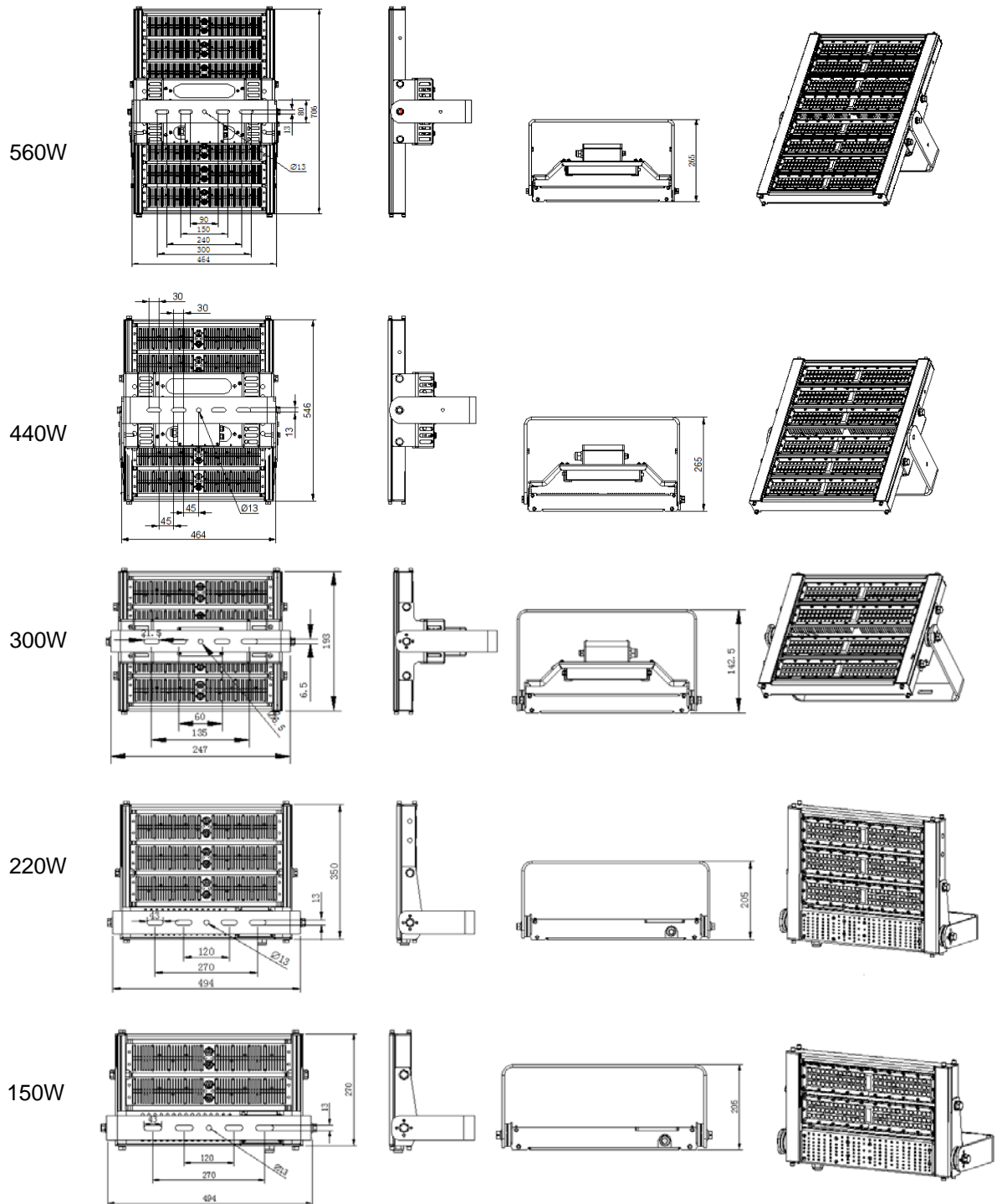
General Specifications

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 5G
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: 27kg, 440W: 23kg, 300W: 16kg, 220W: 13kg, 150W: 11kg, 75W: 9kg
Photometric			
LEDs life span	≥50000h	Warm white:2700K	
Color temperature	Cold white: 5500K-6000K	Warm white:100 lm/w	
Lumen per Watt	Cold white: 120 lm/w	Warm white: Ra≥80	
CRI	Cold white: Ra≥70		
Beam angle	15° / 25° / 60°		

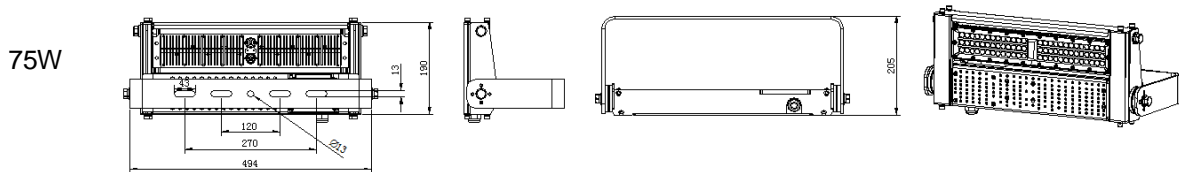
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Mounting dimensions

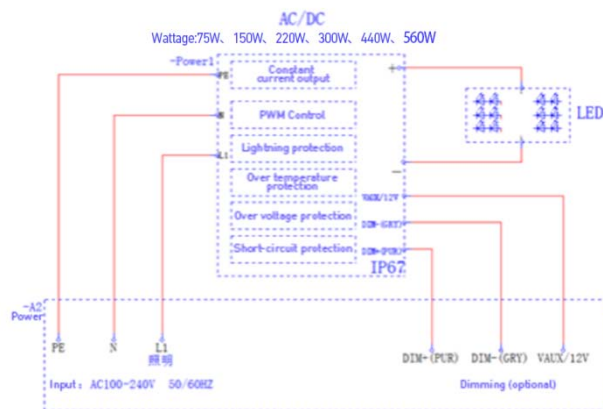


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Wiring diagram

Internal wiring (Lead wire type)



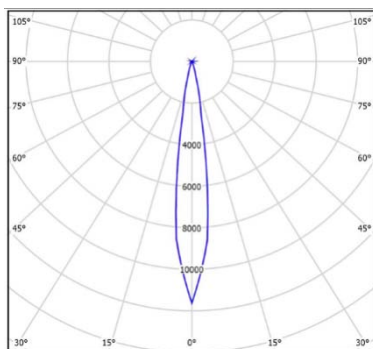
Caution

- 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.

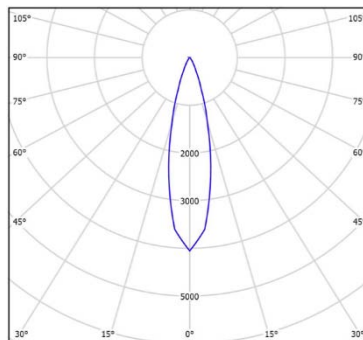
Installation and Operation

- 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.

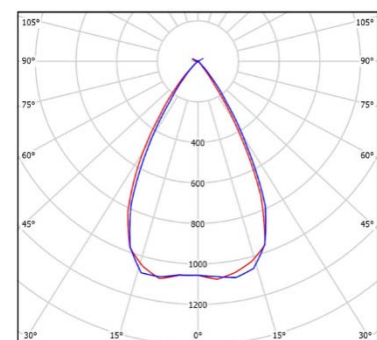
LF70E Lighting distribution curve



15°



25°



60°

How to Order

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P/N	Power	Voltage	CCT	Beam angle	Wiring	Mount	Remark
1000304-001	440W	AC100V-AC240V	5500K-6000K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-002	220W	AC100V-AC240V	5500K-6000K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-003	220W	AC100V-AC240V	5500K-6000K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-004	560W	AC100V-AC240V	5500K-6000K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-005	560W	AC100V-AC240V	5500K-6000K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-006	560W	AC100V-AC240V	5500K-6000K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-007	560W	AC100V-AC240V	2700K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-008	560W	AC100V-AC240V	2700K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-009	560W	AC100V-AC240V	2700K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-010	440W	AC100V-AC240V	5500K-6000K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-011	440W	AC100V-AC240V	5500K-6000K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-012	440W	AC100V-AC240V	2700K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-013	440W	AC100V-AC240V	2700K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-014	440W	AC100V-AC240V	2700K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-015	300W	AC100V-AC240V	5500K-6000K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-016	300W	AC100V-AC240V	5500K-6000K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-017	300W	AC100V-AC240V	5500K-6000K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-018	300W	AC100V-AC240V	2700K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-019	300W	AC100V-AC240V	2700K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-020	300W	AC100V-AC240V	2700K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-021	220W	AC100V-AC240V	5500K-6000K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-022	220W	AC100V-AC240V	2700K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-023	220W	AC100V-AC240V	2700K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-024	220W	AC100V-AC240V	2700K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-025	150W	AC100V-AC240V	5500K-6000K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-026	150W	AC100V-AC240V	5500K-6000K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-027	150W	AC100V-AC240V	5500K-6000K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-028	150W	AC100V-AC240V	2700K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-029	150W	AC100V-AC240V	2700K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-030	150W	AC100V-AC240V	2700K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-031	75W	AC100V-AC240V	5500K-6000K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-032	75W	AC100V-AC240V	5500K-6000K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-033	75W	AC100V-AC240V	5500K-6000K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-034	75W	AC100V-AC240V	2700K	15°	One M20*1.5 metal cable gland	SS bracket	
1000304-035	75W	AC100V-AC240V	2700K	25°	One M20*1.5 metal cable gland	SS bracket	
1000304-036	75W	AC100V-AC240V	2700K	60°	One M20*1.5 metal cable gland	SS bracket	
1000304-037	440W	AC100V-AC240V	2400K-2500K	25°	One M20*1.5 metal cable gland	Customized bracket	Customized
1000304-038	440W	AC100V-AC240V	2400K-2500K	15°	One M20*1.5 metal cable gland	Customized bracket	Customized
1000304-039	440W	AC100V-AC240V	2400K-2500K	60°	One M20*1.5 metal cable gland	Customized bracket	Customized
1000304-040	440W	AC100V-AC240V	2700K	60°	One M20*1.5 metal cable gland	SS bracket	Customized
1000304-041	440W	AC100V-AC240V	2700K	15°	One M20*1.5 metal cable gland	SS bracket	Customized
1000304-042	440W	AC100V-AC240V	2700K	25°	One M20*1.5 metal cable gland	SS bracket	Customized

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1000304-043	300W	AC100V-AC240V	2400K-2500K	25°	One M20*1.5 metal cable gland	SS bracket
1000304-044	440W	AC100V-AC240V	2400K-2500K	25°	One M20*1.5 metal cable gland	SS bracket

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