BNT
SHINING BESIDE YOU
ส่องสว่างเคียงข้างคุณ

LED FLOOD LIGHT

BTFL-ZC03-50W-400W



Made in Thailand
CERTIFIED ISO 9001:2015 COMPANY
CE
RoHS
Dimmable
1-10V as standard
5 Years Guarantee
5 Years Guarantee
Microwave sensor
Detailed reference manual
IP66
TIS 1955-2551
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LED FLOOD LIGHT

ZC-FL03-50W-400W

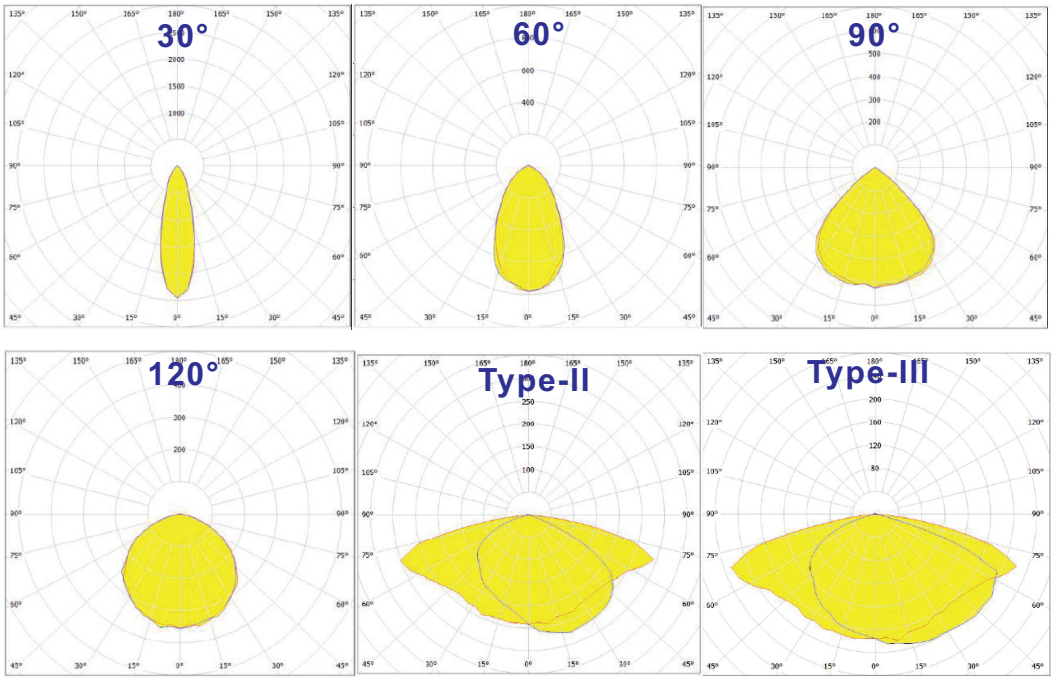
S/N Rules

BTFL-ZC03-30W-400W
1 2 3 4 5 6 7

1. ZC Represents seires;
2. In 'FL03',FL represents for the Led Flood Light; '03' represents the third generation of flood light.
3. '50W' means power,
4. In 'BS', the B represents for the B,H , B means AC100-277V, H means AC200-480V; D means AC100-277V; G,V,E,X,P.Z. G means Sosen GA driver ;V means Sosen VA driver ; E means Meanwell ELG driver;X means Meanwell XLG driver; P means Philips driver ;Z means Zhongchuang driver ;
5. '50',represents for the color temperature;Such as '50'=5000K, 57=5700K
6. '0D' can be blank, PD or D, blank means without sensor and dimmable; PD means with sensor; D means dimmable.
7. '01' represents the PCB number.

Beam Angle

30°	60°	90°	120°	Type-II	Type-III

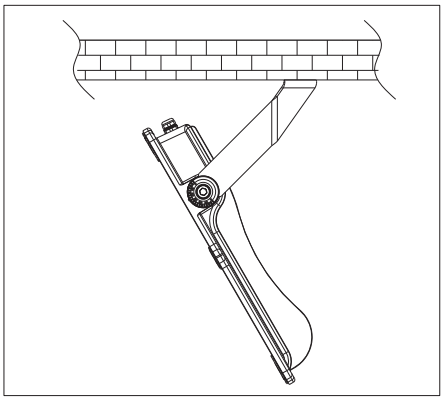


LED FLOOD LIGHT

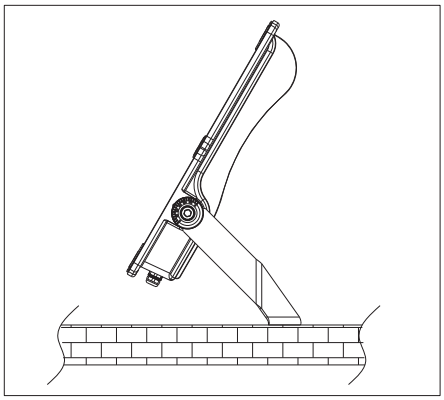
BTFL-ZC03-50W-400W

Installation

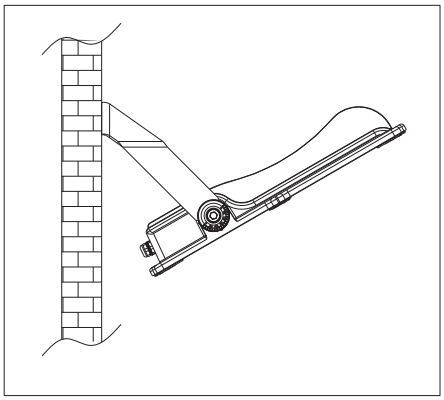
Installation Instructions



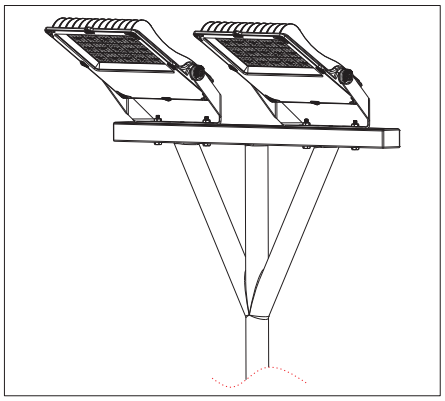
Ceiling Installation

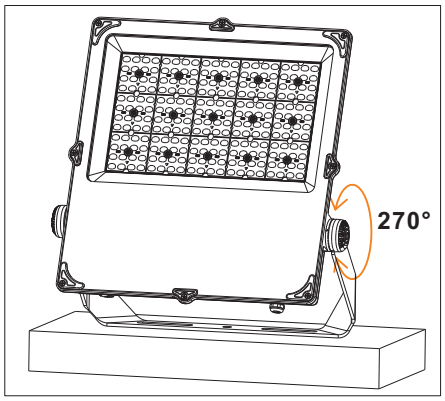


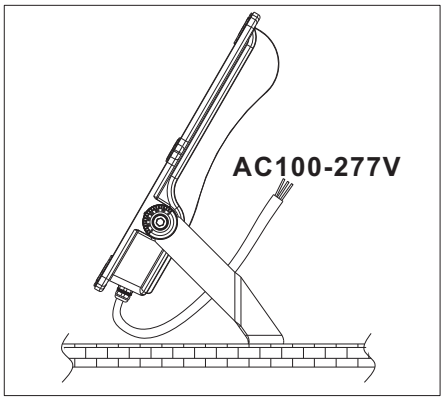
Horizontal Installation



Wall Mounting

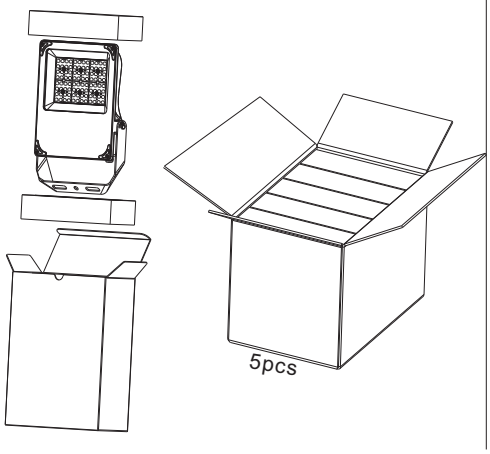




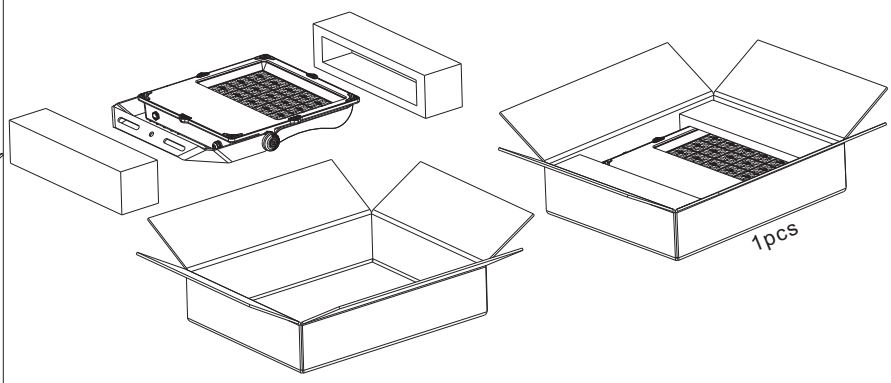


Packging

50W



100W-400W



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Microwave sensor Detailed reference manual

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LED FLOOD LIGHT

BTFL-ZC03-50W-400W

50W----------400W



Matters needing attention

- Before installing the lighting fixtures, please read this instruction manual carefully.
- The lighting fixtures should be installed, connected and tested by a certified electrician based on the local regulations.
- Lamps should always be installed or replaced carefully.
- Please check the local voltage in accordance with the product requirements before installation.
- Revamping only can be done when the power is off and the lamp is completely cooled down.
- When clean the lamp, make the power off and let it cool down completely, clean thefixture with a soft cloth and a standard PH neutral detergent, stainless steel shouldbe maintained regularly.
- Don't cover the fixtures with flammable materials.
- Dreplace should be made by the manufacturer or his service agent or certified electricianin order to avoid a hazard.

Input Voltage	Power Frequency	Power Factor	Ingress protectio	IK Level	PowerSupply	CRI	Surge Voltage
AC220-240V AC110-277V	**50/60Hz**	>0.95	**IP66**	**IK08**	Done Meanwell (Optional)	>70Ra	**4KV/6KV/10KV (20KV Optional)**

Fixture Material	Angle	Operating	Storage	SDCM	THD	Luminous Efficacy	Lifespan
Die-casting Alu	30°/60°/90°/120° Type-II/Type-III	-30° C~+45° C	-40° C~+60° C	<6	<10%	130-150lm/w	>50000Hrs

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LED FLOOD LIGHT

BTFL-ZC03-50W





Specifications

Part No.ZC03

Optical Data

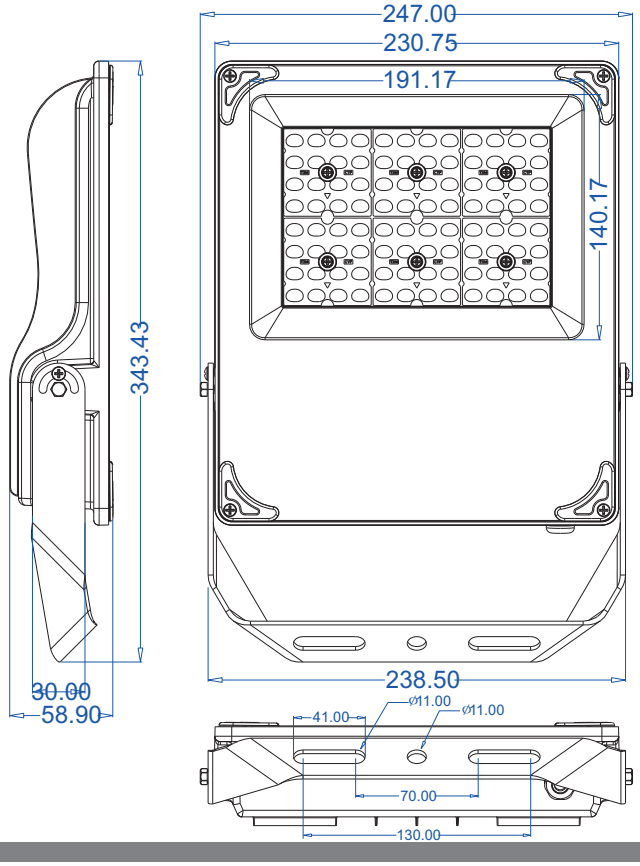
Model	BTFL-ZC03-50W
Wattage	50W
LED Type	SMD Bridgelux / Lumileds (96leds)
Efficiency	130-150Lm/W
Luminous Flux	6500-7500Lm
CCT	3000K/4000K/5700K/6500K
Beam Angle	30°/60°/90°/ 120°/ TypeII /typeIII
CRI	>70Ra
System Efficency	>90%

Electrical Data

Driver	Done (Meanwell is optional)
Input Voltage	AC100-277V
Power Frequency	50/60Hz
Output Voltage	DC28-56V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<10% (<7% is optional)

Others

IP	IP66
Lifetime(L70 Standard)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Product size	L343.43*W247*H58.9mm
Net weight	2.4kg
Gross Weight	2.8kg
Inner box size	L280XW95XH380mm
Outer box size(5pcs)	L500XW295XH400mm



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LED FLOOD LIGHT

BTFL-ZC03-100W



Specifications

Part No.ZC03

Optical Data

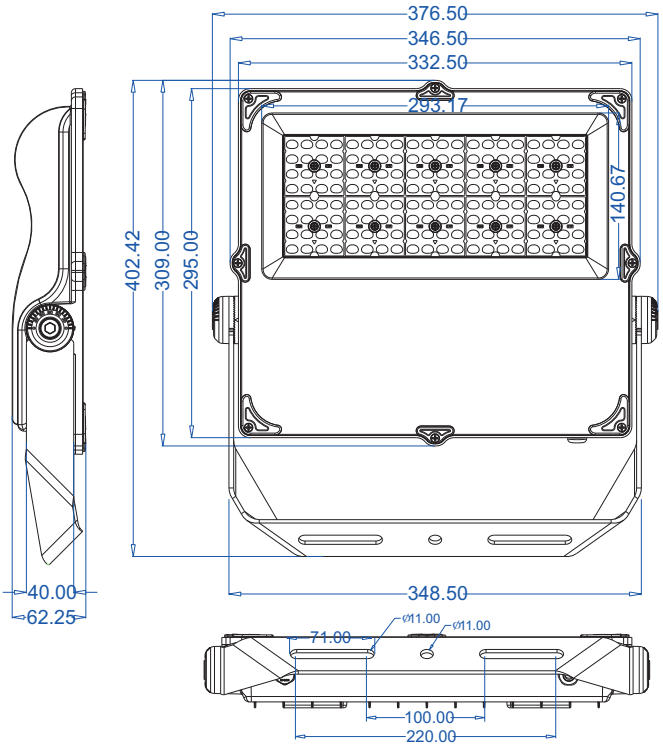
Model	BTFL-ZC03-100W
Wattage	100W
LED Type	SMD Bridgelux / Lumileds (160leds)
Efficiency	130-150Lm/W
Luminous Flux	13000-15000Lm
CCT	3000K/4000K/5700K/6500K
Beam Angle	30°/60°/90°/ 120°/ TypeII / typeIII
CRI	>70Ra
System Efficency	>90%

Electrical Data

Driver	Done (Meanwell is optional)
Input Voltage	AC100-277V
Power Frequency	50/60Hz
Output Voltage	DC28-56V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<10% (<7% is optional)

Others

IP	IP66
Lifetime(L70 Standard)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Product size	L402.42*W376.5*H62.25mm
Net weight	4.0kg/4.15kg
Gross Weight	4.5kg/4.7kg
Outer box size(1pc)	L450XW405XH120mm



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LED FLOOD LIGHT

BTFL-ZC03-120W





Specifications

Part No.ZC03

Optical Data

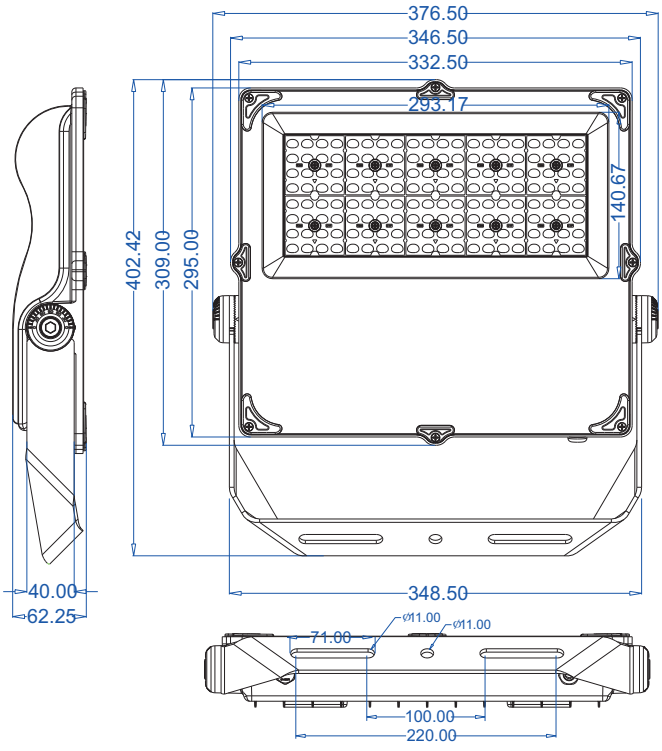
Model	BTFL-ZC03-120W
Wattage	120W
LED Type	SMD Bridgelux / Lumileds (160leds)
Efficiency	130-150Lm/W
Luminous Flux	15600-18000Lm
CCT	3000K/4000K/5700K/6500K
Beam Angle	30°/60°/90°/ 120°/ TypeII / typeIII
CRI	>70Ra
System Efficency	>90%

Electrical Data

Driver	Done (Meanwell is optional)
Input Voltage	AC100-277V
Power Frequency	50/60Hz
Output Voltage	DC28-56V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<10% (<7% is optional)

Others

IP	IP66
Lifetime(L70 Standard)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Product size	L402.42*W376.5*H62.25mm
Net weight	4.0kg/4.15kg
Gross Weight	4.5kg/4.7kg
Outer box size(1pc)	L450XW405XH120mm



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LED FLOOD LIGHT

BTFL-ZC03-150W



Specifications

Part No.ZC03

Optical Data

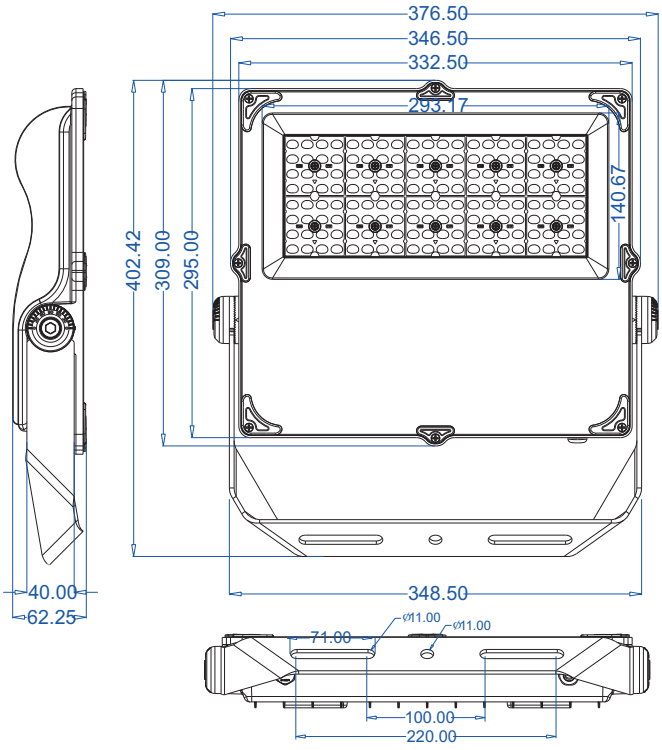
Model	BTFL-ZC03-150W
Wattage	150W
LED Type	SMD Bridgelux / Lumileds (160leds)
Efficiency	130-150Lm/W
Luminous Flux	19500-22500Lm
CCT	3000K/4000K/5700K/6500K
Beam Angle	30°/60°/90°/ 120°/ TypeII / typeIII
CRI	>70Ra
System Efficency	>90%

Electrical Data

Driver	Done (Meanwell is optional)
Input Voltage	AC100-277V
Power Frequency	50/60Hz
Output Voltage	DC28-56V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<10% (<7% is optional)

Others

IP	IP66
Lifetime(L70 Standard)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Product size	L402.42*W376.5*H62.25mm
Net weight	4.0kg/4.15kg
Gross Weight	4.5kg/4.7kg
Outer box size(1pc)	L450XW405XH120mm



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LED FLOOD LIGHT

BTFL-ZC03-200W





Specifications

Part No.ZC03

Optical Data

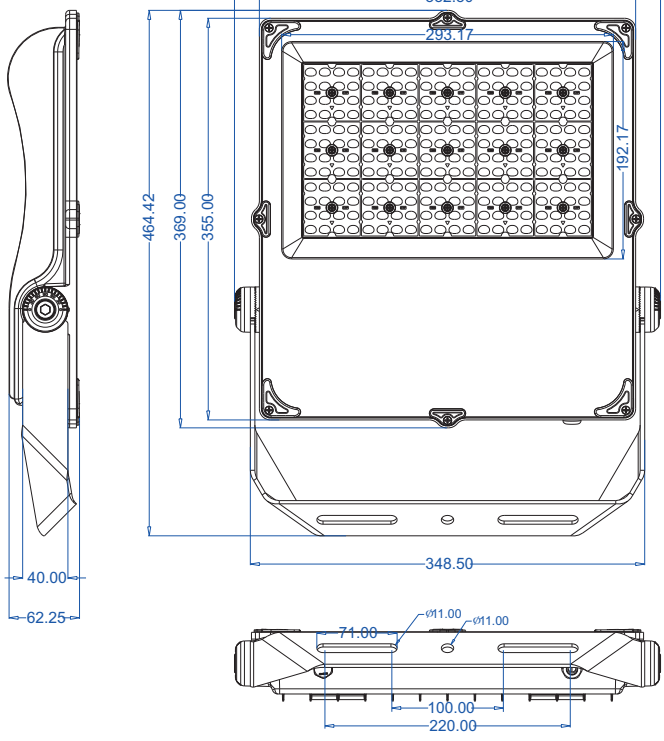
Model	BTFL-ZC03-200W
Wattage	200W
LED Type	SMD Bridgelux / Lumileds (240leds)
Efficiency	130-150Lm/W
Luminous Flux	26000-30000Lm
CCT	3000K/4000K/5700K/6500K
Beam Angle	30°/60°/90°/ 120°/ TypeII / typeIII
CRI	>70Ra
System Efficency	>90%

Electrical Data

Driver	Done (Meanwell is optional)
Input Voltage	AC100-277V
Power Frequency	50/60Hz
Output Voltage	DC28-56V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<10-15% (7% Optional),

Others

IP	IP66
Lifetime(L70 Standard)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Product size	L464.42*W376.5*H62.25mm
Net weight	4.9kg
Gross Weight	5.4kg
Outer box size(1pc)	L510XW405XH120mm



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LED FLOOD LIGHT

BTFL-ZC03-240W





Specifications

Part No.ZC03

Optical Data

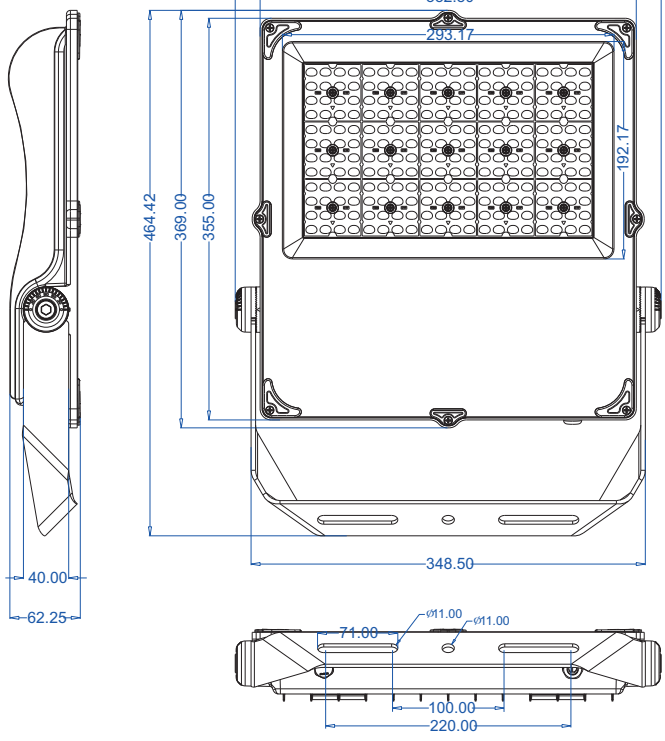
Model	BTFL-ZC03-240W
Wattage	240W
LED Type	SMD Bridgelux / Lumileds (240leds)
Efficiency	130-150Lm/W
Luminous Flux	31200-36000Lm
CCT	3000K/4000K/700K/6500K
Beam Angle	30°/60°/90°/ 120°/ TypeII / typeIII
CRI	>70Ra
System Efficency	>90%

Electrical Data

Driver	Done (Meanwell is optional)
Input Voltage	AC100-277V
Power Frequency	50/60Hz
Output Voltage	DC28-56V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<10-15% (7% Optional),

Others

IP	IP66
Lifetime(L70 Standard)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Product size	L464.42*W376.5*H62.25mm
Net weight	4.9kg
Gross Weight	5.4kg
Outer box size(1pc)	L510XW405XH120mm



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LED FLOOD LIGHT

BTFL-ZC03-300W



Specifications

Part No.ZC03

Optical Data

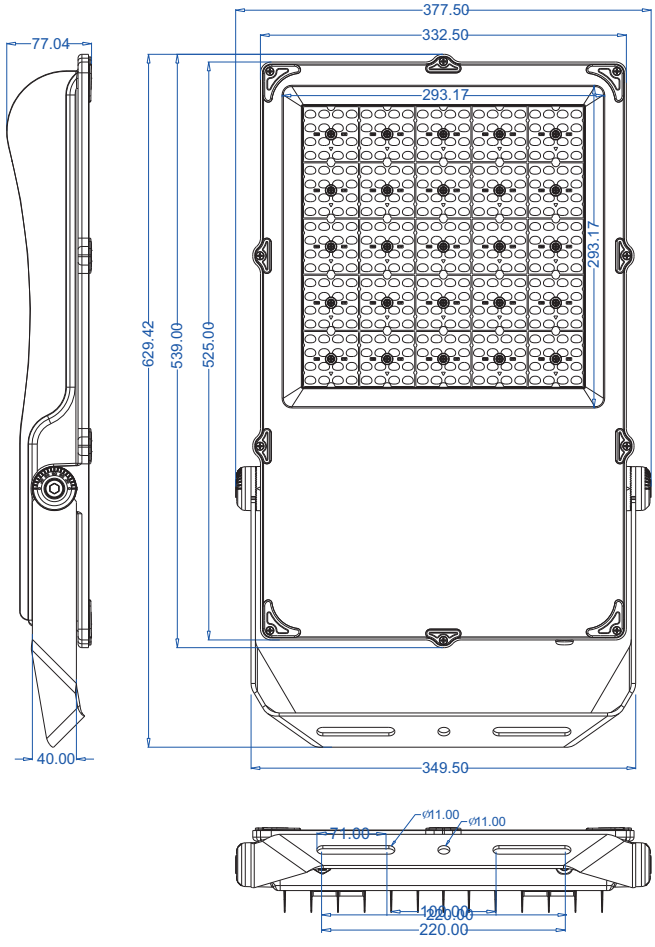
Model	BTFL-ZC03-300W
Wattage	300W
LED Type	SMD Bridgelux / Lumileds (400leds)
Efficiency	130-150Lm/W
Luminous Flux	39000-45000Lm
CCT	3000K/4000K/5700K/6500K
Beam Angle	30°/60°/90°/ 120° TypeII / typeIII
CRI	>70R(80 is optional)
System Efficency	>90%

Electrical Data

Driver	Done (Meanwell is optional)
Input Voltage	AC220-240V/AC110-277V
Power Frequency	50/60Hz
Output Voltage	DC28-56V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<10%/(7% is optional)
Surge Protection	6/15Kv(Option10/20Kv)

Others

IP	IP66
Lifetime(L70 Standard)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Product size	L629.42*W377.5*H77.04mm
Net weight	6.2kg / 7.2kg
Gross Weight	6.8kg / 7.8kg
Outer box size(1pc)	L675XW405XH120mm



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LED FLOOD LIGHT

BTFL-ZC03-400W



Specifications

Part No.ZC03

Optical Data

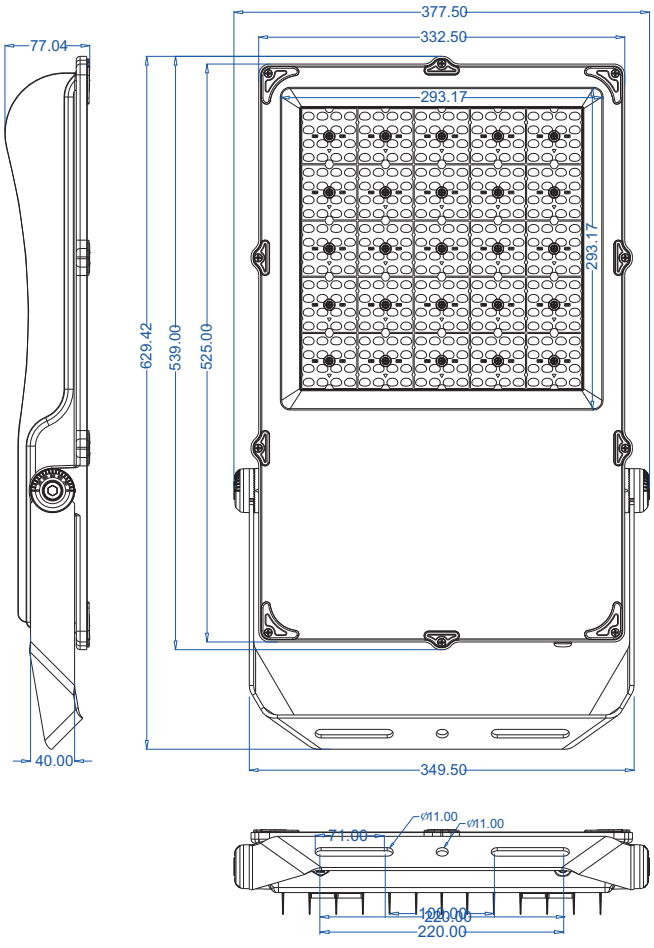
Model	BTFL-ZC03-400W
Wattage	400W
LED Type	SMD Bridgelux / Lumileds (400leds)
Efficiency	130-150Lm/W
Luminous Flux	52000-60000Lm
CCT	3000K/4000K/5700K/6500K
Beam Angle	30° / 60° / 90° / 120° / TypeII / typeIII
CRI	>70R(80 is optional)
System Efficency	>90%

Electrical Data

Driver	Done (Meanwell is optional)
Input Voltage	AC220-240V/AC110-277V
Power Frequency	50/60Hz
Output Voltage	DC28-56V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<10%/(7% is optional)
Surge Protection	6/15Kv(Option10/20Kv)

Others

IP	IP66
Lifetime(L70 Standard)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Product size	L629.42*W377.5*H77.04mm
Net weight	6.2kg / 7.2kg
Gross Weight	6.8kg / 7.8kg
Outer box size(1pc)	L675XW405XH120mm



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