

LED FLOOD LIGHT



Lumens Depot EXTREME Flood Light is a cost-effective, high-efficiency lighting solution engineered for superior performance and long-term value. Delivering up to 42,500 lumens at an impressive 170 lumens per watt, it provides powerful illumination in a lightweight design for quick and easy installation. Designed for maximum versatility, it features adjustable wattage and CCT, allowing complete flexibility across a wide range of applications. Equipped with NEMA 6H6V optics, it ensures consistent and controlled beam distribution—ideal for parking lots, building perimeters, security areas, signage, and general outdoor lighting.

The fixture includes a yoke mount, is built with a durable die-cast aluminum housing, and supports an optional photocell for enhanced energy efficiency and automation.

Product Features

- Upto170 lm/W
- Adjustable Wattage
- Adjustable CCT
- 0-10V Dimmable
- Built-in 10KV surge protector
- NEMA 6H6V distribution
- Optional Screw-in photocell
- Bronze housing
- Yoke Mount included
- Input voltage 120-277VAC
- UL & DLC listed
- 5-year warranty

LED FLOOD LIGHT

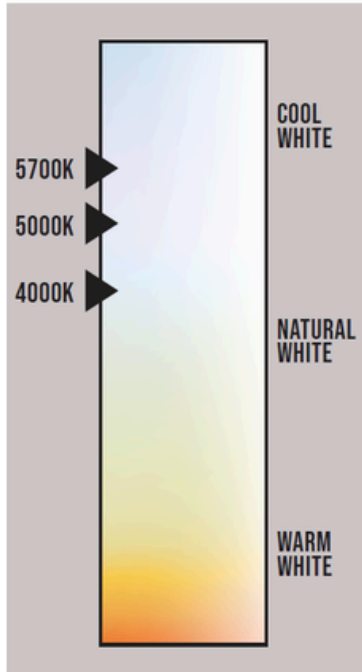
ADJ. WATT	MAX LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	LIGHT SPREAD	CONSTRUCTION	DIMMING	IP RATING	CERTIFICATIONS
125W/150W/200W/250W	42500	4K/5K/5700K	120-277V	>70	NEMA 6H6V	Die-cast Aluminum+PC	0-10V	IP65	UL & DLC

Specifications

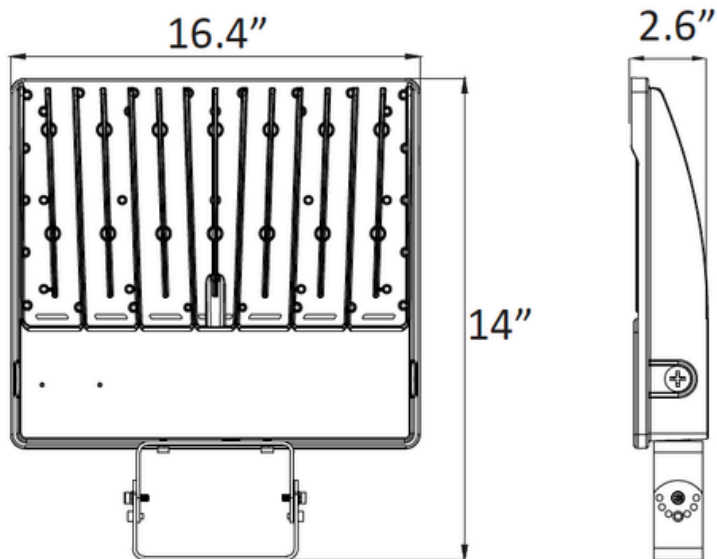
Parameter	Description	Value
General Performance	Model #.	BLT-FLF(250/200/150/125)W-(40/50/57)KUV-TRMH
	Adjustable Watt	125W / 150W / 200W / 250W
	Max Lumens	42500
	Lumen Efficacy	Up to 170LM/W
	Color Temperature	4000K / 5000K / 5700K
	CRI (Ra)	>70
	Light Spread	NEMA 6H6V
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	0-10V
	Optional Accessory	Photocell
	PF (Tolerance: -3%)	98%
	THD (Tolerance : +5%)	20%
	Driver Model	SS-240NH-E260BHB
	Driver Surge protection	6KV
	Operating Temperature	-40°C to 45°C
	Storage Temperature	-40°C to 45°C
Physical	Operating Humidity	10%RH-90%RH
	Storage Humidity	-10°C-65°C, 0%-90RH24hrs
	LED Brand	Nationstar
	LED Type	SMD2835
	LED QTY	648 Pcs
Qualification	Construction	Die-Cast Aluminum
	Housing Color	Bronze
	IP Rating	IP65
	Warranty	5 Year

LED FLOOD LIGHT

Correlated Color Temperature (CCT)

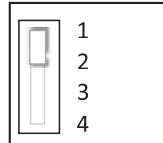
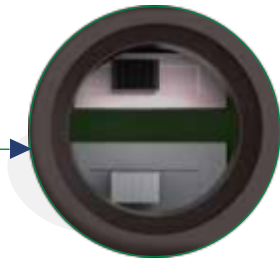


Dimensions



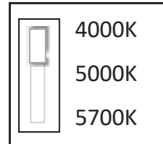
LED FLOOD LIGHT

Wattage & CCT Setting



Wattage Setting

Adjustable Wattage
125W/150W/200W/250W Default Setting



CCT Adjustable

CCT Adjustable
4000K/5000K/5700K Default Setting

Optional Accessories

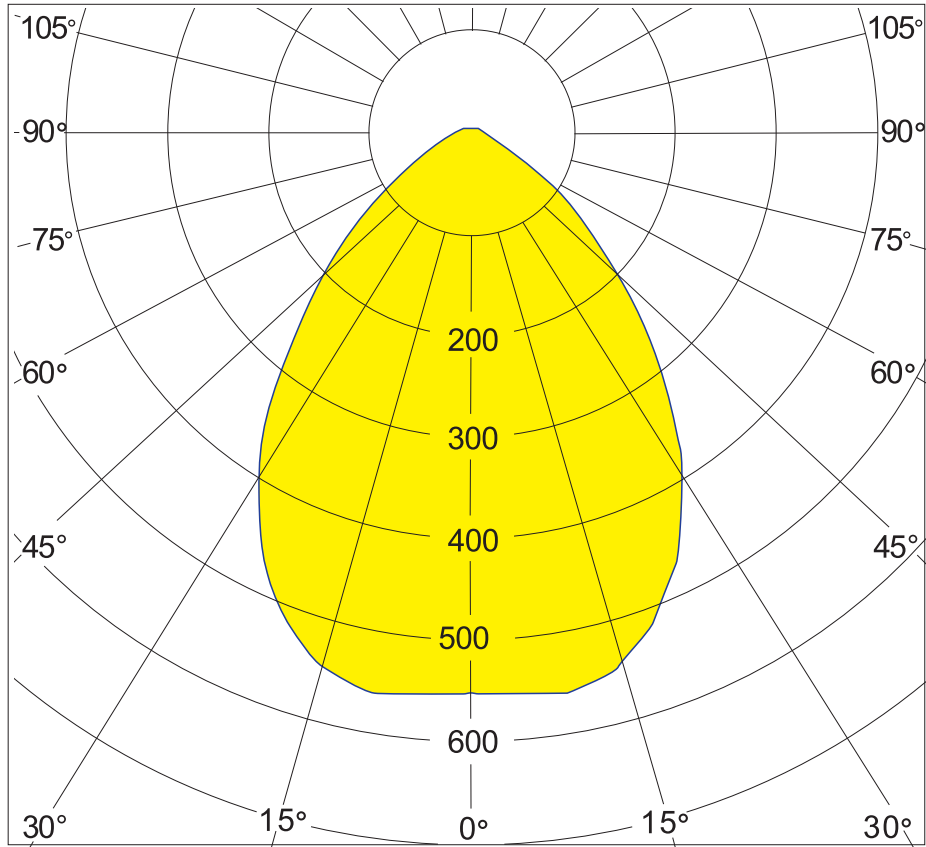


XPCKit-UNV27V

Twist-lock Photcell Kit (with receptacle) for
X-FLF(250/200/150/125)W, at AC120-277V

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Photometric Data



cd/klm
— C0-C180 — C90-C270

$\eta = 90\%$

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Installation

Upon receipt of fixture, thoroughly inspect for any freight damage. All damage should be reported to the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the inside of the housing to be sure you have received the correct merchandise.

READ AND FOLLOW THESE SAFETY INSTRUCTIONS!

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance on this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For Residential installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.
- It will occasionally be necessary to clean the outside of the refractor/lens. Refractor/lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should optical assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
- DO NOT INSTALL DAMAGED PRODUCT! This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm.
- Any part damaged or broken during or after assembly should be replaced.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, this matter should be referred to manufacturer.

WARNING RISK OF ELECTRIC SHOCK

- ▶ Disconnect or turn off power before installation or servicing.
- ▶ Verify that supply voltage is correct by comparing it with the luminaire label information.
- ▶ Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- ▶ All wiring connections should be capped with UL approved wire connectors.

CAUTION RISK OF INJURY

- ▶ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- ▶ Avoid direct eye exposure to the light source while it is on.

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Installation

WARNING RISK OF BURN

- ▶ Allow lamp/xture to cool before handling. Do not touch enclosure, lens or light source.
- ▶ Do not exceed maximum wattage marked on luminaire label.
- ▶ Follow all manufacturer's warnings, recommendations and restrictions including but not limited to: driver type, mounting locations/methods, replacement and recycling.
- ▶ Use only lamps that comply with ANSI standards.

CAUTION RISK OF FIRE

- Keep combustible and other materials that can burn, away from lamp/lens.
- Do not operate in close proximity to persons, combustible materials, or substances affected by heat.

CAUTION RISK OF PRODUCT DAMAGE

- Never connect components under load.
- Do not mount or support these xtures in a manner that can cut the outer jacket or damaged wire insulation.
- Unless individual product specifications deem otherwise: Never connect an LED product directly to dimmer packs, occupancy sensors, timing devices, or other control devices. LED xtures must be powered directly on a switched circuit.
- Unless individual product specifications deem otherwise: Do not restrict xture ventilation. Allow for some volume of airspace around the xture. Avoid covering LED xtures with insulation, foam, or other material that will prevent convection or cooling.
- Unless individual product specifications deem otherwise: Do not exceed xtures' maximum ambient temperature.
- Only use the xture in its intended location.
- LED products are polarity sensitive. Ensure proper polarity before installation.
- Electrostatic Discharge (ESD): ESD can damage LED xtures. Personal grounding equipment must be worn during all installation or servicing of the unit.
- Do not touch individual electrical components as this can cause ESD, shorten lamp life, or alter performance.
- Some components inside the xture may not be serviceable. If your unit requires service, stop using the unit immediately and contact a manufacture representative for assistance.
- Changes or modifications not expressly approved by manufacturer will void the product warranty.
- Always read the xtures' complete installation instructions prior to installation for any additional xture-specific warnings.

» PACKAGE

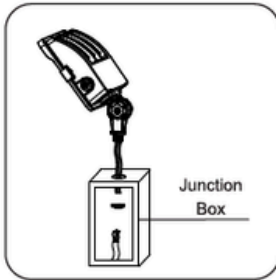
- 1.LED Flood Light.
- 2.Installation Instruction.
- 3.Installation hardware.

LED FLOOD LIGHT

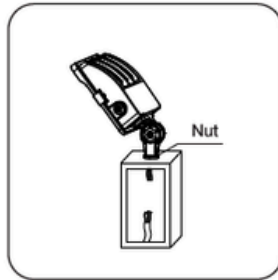
Installation

» INSTALLATION INSTRUCTIONS

• 180° 1/2" NPSM Knuckle Mount

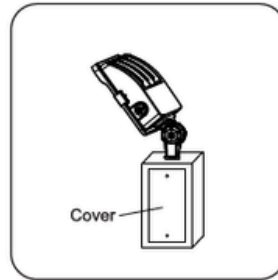


1. Put the electrical wiring into the Junction Box

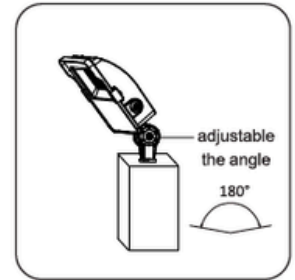


1. Tighten the Nut, connect the electrical wiring according to the instruction

Caution: turn off the electricity before installation

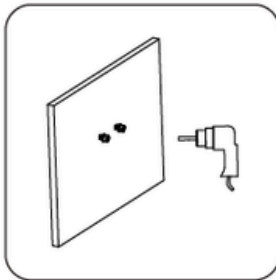


1. Tighten the Junction box cover

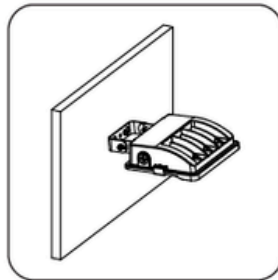


1. Use this screw to adjust the bracket angle, Rotate 180° degreenction box cover

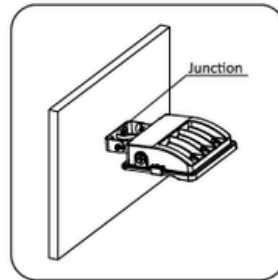
• Yoke Mount



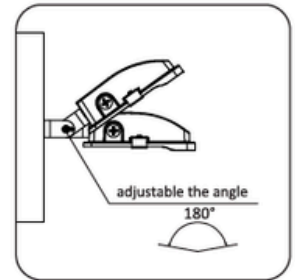
1. Drilling, and install expansion screw until the middle side



1. Tighten the Nuts

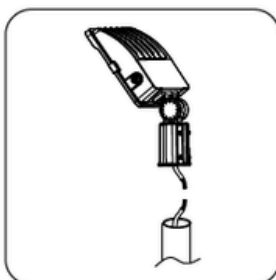


1. Connect the electrical wiring according to the instruction, **Caution:** turn off the electricity before installation

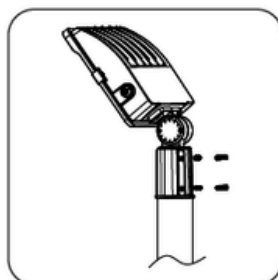


1. Use this screw to adjust the bracket angle, Rotate 180° degreenction box cover

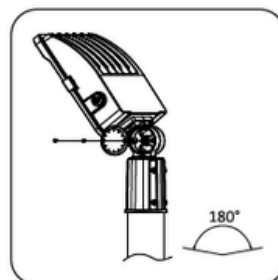
• Slip fitter Mount



1. Connect wires and take safety measures



1. Install the lamp into the pole, Tighten the screws



1. Open the lid, Adjust The Angle



1. Install the cover

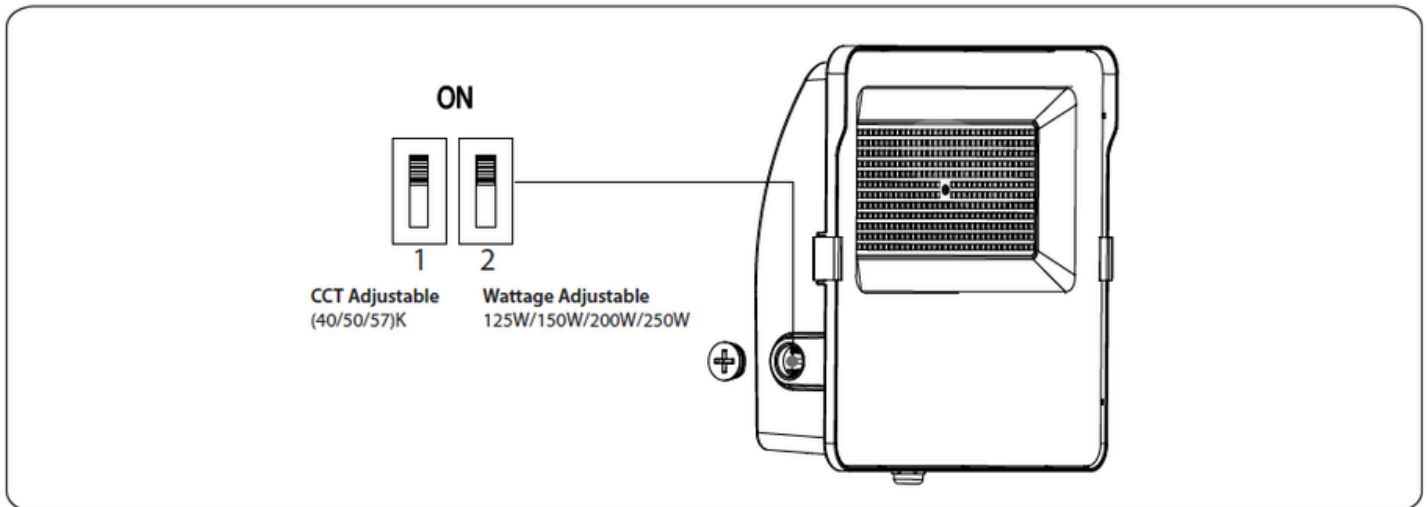
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Installation

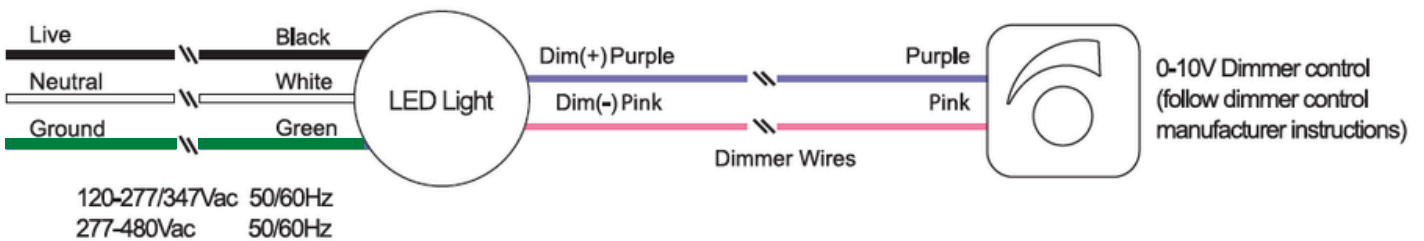
» TROUBLESHOOTING

1. Check that the line voltage at the fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly.
3. Be sure the photocell, if used, is functioning properly.

» WATTAGE & CCT ADJUSTABLE

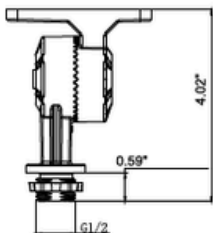


» WIRING DIAGRAM

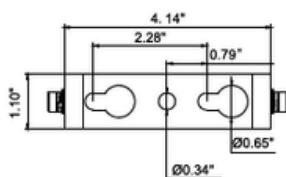


Drilling Patterns

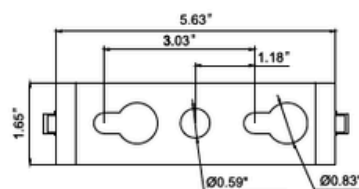
Knuckle Mount for
FLF 30-63W



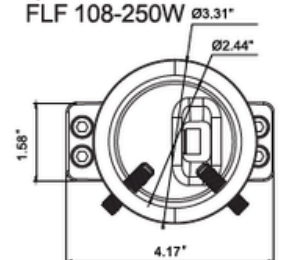
Trunnion Mount for
FLF 30-63W



Trunnion Mount for
FLF 108-250W



Slipfitter Mount for
FLF 108-250W



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Packaging

Box Type	Box Dimensions	Qty	Net Weight	Gross Weight
Outer Box	18.11" x 15.83" x 4.57"	1 PC/Box	9.5LBS	11.0LBS

Application Image

