

MODELS:

MPF15, MPF20, MPF30, MPF50, MPF150

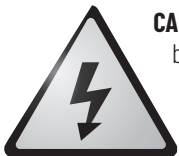
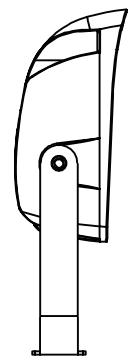
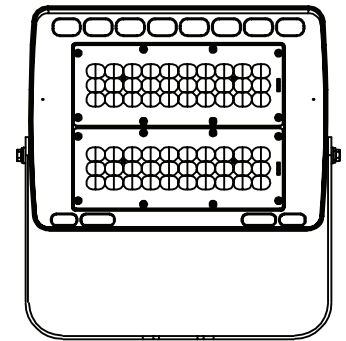
ELECTRICAL RATINGS:

Item	Model	Input Voltage	Power Factor	Watt	Input Current	CCT	Switch
A	MPF153Kx-UNV-zz	120-277VAC	≥0.9	15W	0.2A Max	3000K	N / A
B	MPF155Kx-UNV-zz	120-277VAC	≥0.9	15W	0.2A Max	5000K	N / A
C	MPF20SWx-WRV-zz	120-347VAC	≥0.9	20W / 15W / 10W*	0.2A Max	3000K / 4000K / 5000K*	3-in-1 Control
D	MPF305Kx-UNV-zz	120-277VAC	≥0.9	30W	0.3A Max	5000K	N / A
E	MPF505Kx-UNV-zz	120-277VAC	≥0.9	50W	0.5A Max	5000K	N / A
F	MPF50SWx-WRV-zz	120-347VAC	≥0.9	50W / 30W / 20W*	0.5A Max	3000K / 4000K / 5000K*	3-in-1 Control
G	MPF150SWx-WRV-zz	120-347VAC	≥0.9	150W / 100W / 80W / 50W*	1.4A Max	3000K / 4000K / 5000K*	Dip Switch

x Denotes mounting type

zz Denotes Finish

* Denotes Field-Selectable Set-Points



CAUTION: This product uses a wide voltage range input driver (120-277VAC / 120-347VAC), but the working voltage can be limited using a photocell depending on the photo cell's operating voltage. Please ensure that a voltage compatible photocell is used (if required) during installation.

INTRODUCTIONS

This LED Flood light uses the latest in solid state lighting technology for long life, low maintenance, and high efficiency. As with traditional HID lighting, there are multiple installation methods, suitable for various occasions. An internal power-factor-corrected switching mode power supply allows it to be used with any nominal 120-277VAC or 120-347VAC, 60Hz supply without any variation in light output. Suitable for use in the following locations:

- Ambient Temp: -40°C~+40°C
- Wet Locations

Note: Save these instructions for future reference.

WARNINGS

TO AVOID THE RISK OF FIRE, EXPLOSION, OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED, AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK, BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE. LUMINAIRE MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE LUMINAIRE NAMEPLATE. KEEP LENS TIGHTLY CLOSED WHEN IN OPERATION.

FOR SUPPLY CONNECTIONS, USE WIRE RATED TO AT LEAST 90°C

INSTALLATION

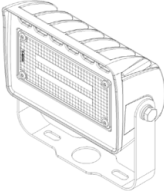
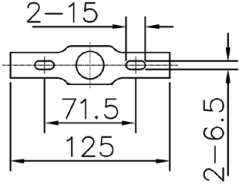
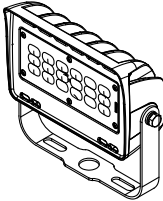
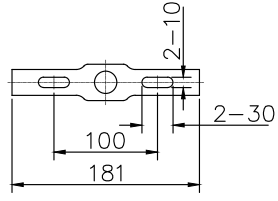
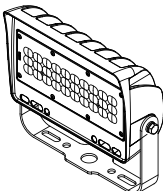
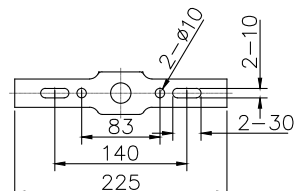
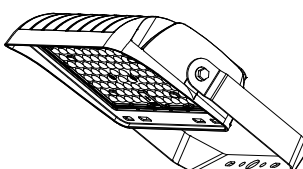
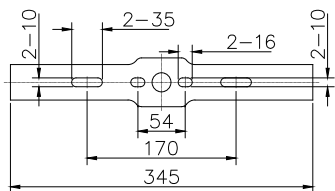
MOUNTING TYPES

Item	Yoke Mounting	Knuckle Mounting
MPF153K-UNV MPF155K-UNV		
MPF305K-UNV		
MPF20SW-WRV MPF50SW-WRV MPF505K-UNV		
MPF150SW-WRV		(N/A)

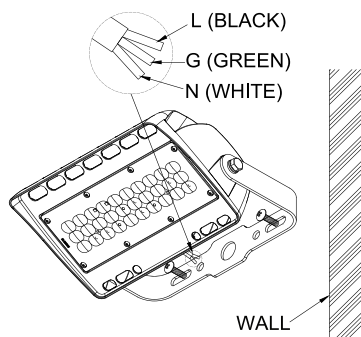
INSTALLATION

SURFACE MOUNTING

Refer to the following diagrams when you install the fixture.

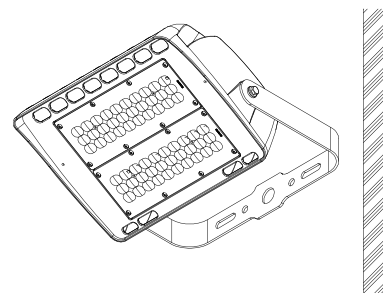
MPF153K-UNV MPF155K-UNV		
MPF305K-UNV		
MPF20SW-WRV MPF50SW-WRV MPF505K-UNV		
MPF150SW-WRV		

Step 1



- Use appropriate hardware to secure the fixture on mounting surface (not included).
- Keep enough wire length to ensure adjustment angle is unhindered.
- Connect wires into feed conductor wiring; white wire to "Neutral" conductor, black wire to "Live" conductor, green wire to "Ground" conductor

Step 2

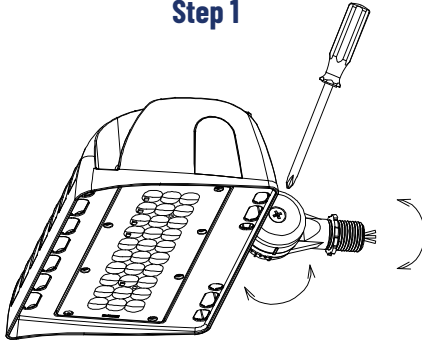


- Adjust the fixture to the desired orientation and tighten the screws.
- Use cULus Listed water-proof outlet box cover.

INSTALLATION

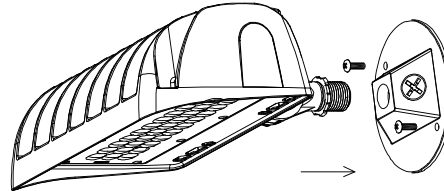
KNUCKLE MOUNTING

Step 1



- Adjust the two screws turn the fixture left and right, up and down.

Step 2



- Secure service wire or conduit to the wiring compartment cover with 1/2" connector (not included).
- Connect white fixture wire to neutral supply conductor, black fixture wire to line supply conductor. Service ground should be attached to green ground screw provided. Ground must be properly attached to avoid the risk of electrical shock.
- Use wire nuts, crimp-on lugs, or other approved devices to connect all wires, make sure connections are secure and that no loose wire strands are sticking out of connectors.
- Secure wiring compartment cover to fixture. With black and white connections inside the wiring compartment.
- Use cULus Listed flexible steel waterproof conduit in trade sizes 1/2" and UL and CUL Listed water-proof outlet box cover.

COMMISSIONING

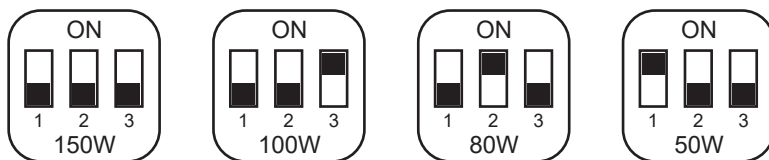
Once installed please ensure that the luminaire is firmly fixed via the method used, and ensure that the wires are connected correctly before energizing the supply conductors.

Turn the power on, and check to ensure the luminaire works as intended. If not, de-energize and check connections, and contact your local dealer.

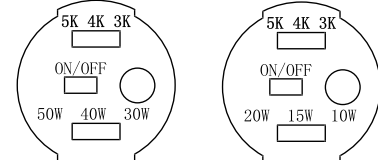
If the fixture you purchased contains a wattage or CCT selection knob, please follow these steps to set the lumen output and CCT to the desired level:

- Remove the weatherproof covers from the CCT and Wattage Selection switches.
- Use the DIP switches inside to set the Wattage per the below table.
- Use the rotary selector to select the CCT by turning the knob clockwise to set to a higher CCT, or counter clockwise to set to a lower CCT. CCT's can be set to 3000K, 4000K, or 5000K only.

Wattage Select DIP Switch (Included on Model Type G)



3-In-1 Control Switch (Included on Model Type C and F)



*DIP Switch is white. Keep cover on for waterproof.