

# LED FLOOD LIGHT CT8000-600W



- Driver embedded High output LED Floodlight
- IP67 rated for outdoor waterproof usage
- Electricity saving up to 60% than conventional lighting
- Various lens options to achieve the optimal illumination
- Compact & smooth design with 360° installation angle
- Corrosion-resistant, durable polycarbonate covers
- Superb heat dissipation through ICEPIPE FDP Technology
- Ultraviolet free, no mercury and lead-free RoHS Compliance



## SPECIFICATION

### ELECTRICAL

Wattage	600 W
Power Input	AC 200 - 277 V
Frequency	50/60 Hz
Power Factor (PF)	> 0.96
THD	< 15%
Protection Circuit	4 kV

### CONSTRUCTION

Size	ø 408 x 485 mm
Weight	20 kg
Material	Polycarbonate
Heatsink	Copper ICEPIPE Heatsink
IP Rating	IP67
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Installation Angle	360°

### OPTICS

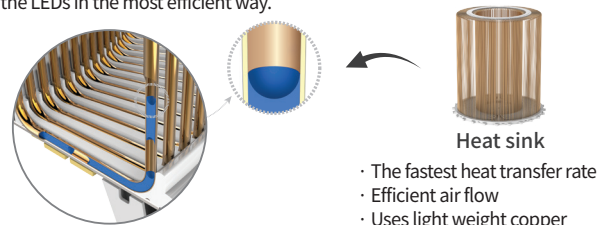
Lumen output	69,000 lm
Efficacy	115 lm/W
Replacement	MH 1 - 1.2 kW
CCT	5,700 K
LED Package Life time	50,000 hours (25°C) <small>*LED package life time according to industry standard (LM80). *High operating temperature may shorten life span of LED package and LED lamp.</small>
CRI	75 Ra
Beam Angle	[Standard] 30° [Option] Lens 15°, 20°, 45°, 60° [Option] Dome Diffuser 134° [Option] Diffuser Plate 120°

## FEATURES

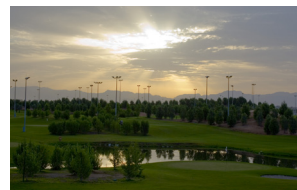


### Highly Efficient ICEPIPE heatsink

ICEPIPE heatsink was created by our patented Fluid Dynamic Pressure Technology, which enables heat dissipation 200 times faster (40,000 W/m·K) than that of conventional aluminum (Al) heatsink. Liquid circulation takes place inside the pipe, traveling through the coil and cooling down heat from the LEDs in the most efficient way.



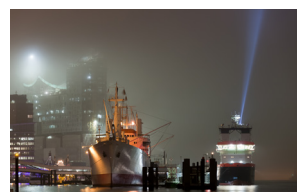
## APPLICATION



Golf Course



Stadium



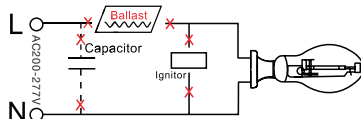
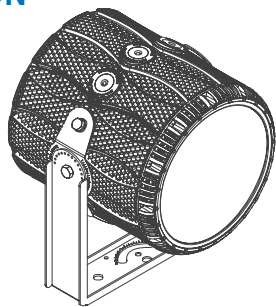
Port



Building Exterior

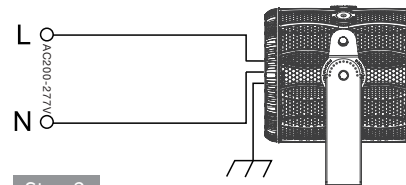


## INSTALLATION



### Step 1.

Turn off the power before installation.  
Remove the old ballast, capacitor and ignitor (if existing)



### Step 2.

Connect the wire from the supply to the fixture and make sure the ground from the supply is connected to the ground from the fixture.

## COVER OPTIONS

Type	Standard	Option					
Cover							
		Lens			Dome Diffuser 2	Diffuser Plate 2	
LIGHT DISTRIBUTION CURVE							
Beam Angle	30°	15°	20°	45°	60°	134°	120°

## PACKING

Dimension
(Unit : mm) · Size : $\phi$ 408 x 485 mm · Weight : 20 kg

① Single Unit Box
(Unit : mm)

② Pallet
(Unit : mm)

Type	① Single Unit Box	② Pallet	20ft Container-Palletized	Remarks
Quantity	1	8	80 (10 Pallets)	1 Pallets 2R x 2R x 2L = 8pcs
Dimension(mm)	550 x 550 x 670	1,100 x 1,100 x 1,490	5,500 x 2,200 x 1,490	
GWT(kg)	24.00	210	2,100	
CBM	0.20	1.80	18.00	

### ⚠ WARNINGS

- Do not use with direct current and ballast.
- This lamp is non-dimmable, do not connect with dimmer.
- Do not install the lamp in an enclosed place.
- Do not install on any other shade that is not provided by ICEPIPE.
- Please read the instruction manual carefully before installation.



\* Please refer to our full warranty terms and contact your sales representative for details.

