

LED FLOOD LIGHT CT8000-700W



- 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	700 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

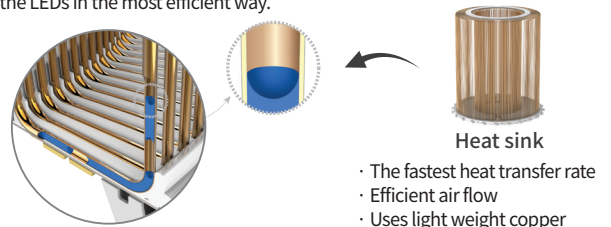
Lumen output	80,500 lm
Efficacy	115 lm/W
Replacement	MH 1 - 1.5 kW
CCT	5,700 K
LED Package Life time	50,000 hours (25°C) <small>*LED package life time according to industry standard (LM80). *High operating temperature may shorten life span of LED package and LED lamp.</small>
CRI	75 Ra
Beam Angle	[Standard] 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.



- The fastest heat transfer rate
- Efficient air flow
- Uses light weight copper

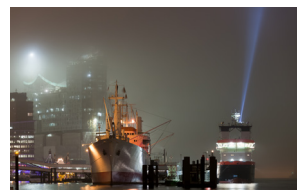
APPLICATION



Golf Course



Stadium



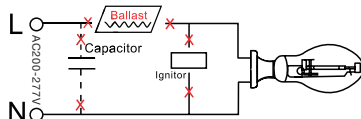
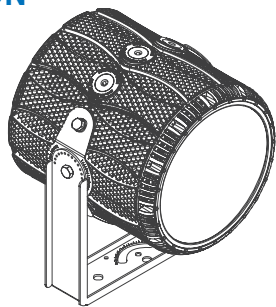
Port



Building Exterior

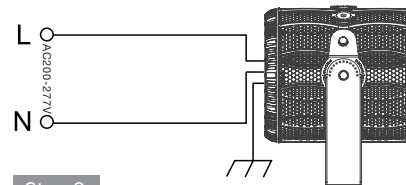


INSTALLATION



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°

PACKING

Dimension
(Unit : mm)
· Size : ϕ 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.

