

# LED FLOOD LIGHT NTB-300C

External Driver



- External driver for safe & easy repair
- Replace MH 800 W
- Excellent heat dissipation by ICEPIPE FDP technology
- Various lens options (20°~60°)
- IP67 (driver & lamp) for outdoor use
- Eco-friendly & RoHS compliant (UV/Lead/Mercury-free)



## SPECIFICATION

### ELECTRICAL

Wattage	300 W
Power Input	AC 220 V
Frequency	50/60 Hz
Power Factor (PF)	> 0.96
THD	< 15%
Protection Circuit	6 kV

### CONSTRUCTION

Size	394 x 228 x 118 mm
Weight	7 kg (Converter, Bracket incl.)
Material	Aluminum, STS
Heatsink	Copper ICEPIPE Heatsink
IP Rating	IP67
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Installation Angle	360°

### OPTICS

Lumen output	42,000 lm
Efficacy	140 lm/W
Replacement	MH 800 W
CCT	5,700 K
LED Package Life time	50,000 시간 (상온 25°C 기준) *LED 칩 수명과 제품 수명은 차이가 있습니다. *사용 온도가 높을 경우 수명이 짧아질 수 있습니다.
CRI	75 Ra

Beam Angle	20°		30°	
	45°		60°	

## COVER OPTION : Sun visor

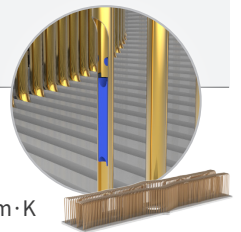


## TECHNOLOGY

### 1. FDP Technology

Patent technology of ICEPIPE-Improved heat dissipation by fast heat transfer using FDP

- The fastest heat transfer rate by excellent air flow
- Sufficient heat dissipation area
- ICEPIPE's thermal conductivity = 40,000 W/m · K
- Less raw materials used reducing the weight and production cost



### 2. Clamping Technology

Unique heat dissipation technology using directional and elastic clamps

- Mechanical coupling to use oscillating capillary tube heatsink as heat dissipation material
- Mechanical bonding of heating part and heatsink made excellent durability
- Pressurized assembly by using elastic deformation of clamp
- Improved heat dissipation performance and reduced material cost compared to conventional adhesive (epoxy, etc.) bonding methods



## APPLICATION



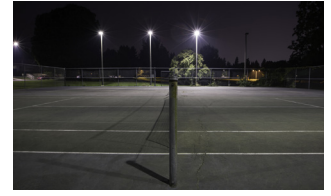
Factory



Building Exterior

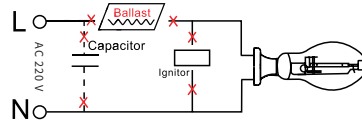


Outdoor Parking Lot



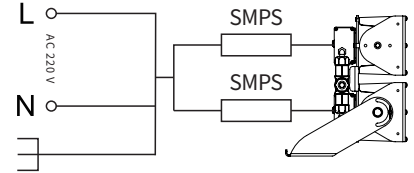
Outdoor Sports Facilities

## 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.

## PACKING

Dimension
(Unit : mm)
· Size : 394 x 228 x 118 mm
· Weight : 7 kg (Converter, Bracket incl.)

① Single Unit Box
(Unit : mm)

② Pallet
(Unit : mm)

Type	① Single Unit Box	② Pallet	20ft Container-Palletized	Remarks
Quantity	1	128	1,280 (10 Pallets)	[1Pallets] 16 x 8 = 128pcs
Dimension(mm)	435 x 150 x 225	1,100 x 1,100 x 1,950	5,500 x 2,200 x 1,950	
GWT(kg)	7.5	975.5	9,755	
CBM	0.014	2.36	23.6	

## ⚠ 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 follow the recommended daily operating hours.
- Please read the instruction manual carefully before installation.



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

