# LED FLOOD LIGHT
# RCT-1350C

**External Driver**



· External driver for safe & easy repair
· Replace MH 4 kW
· Excellent heat dissipation by ICEPIPE FDP technology
· Improved durability by metal housing & glass cover
· IP67 (driver & lamp) for outdoor use
· Eco-friendly & RoHS compliant (UV/Lead/Mercury-free)

External driver : EUD-480 x 3

## SPECIFICATION

### • ELECTRICAL

| | |
|---|---|
| Wattage | 1,350 W |
| Power Input | AC 220 V |
| Frequency | 50/60 Hz |
| Power Factor (PF) | > 0.9 |
| THD | < 15% |
| Protection Circuit | 6 kV |

### • CONSTRUCTION

| | |
|---|---|
| Size | 544 x 290 x 746 mm |
| Weight | 34 kg *Driver not incl. |
| Material | Steel |
| Heatsink | Copper ICEPIPE Heatsink |
| IP Rating | IP67 |
| Operating Temperature | -30°C ~ 50°C (-22°F ~ 122°F) |
| Installation Angle | 360° |

### • OPTICS

| | |
|---|---|
| Lumen output | 189,000 lm |
| Efficacy | 140 lm/W |
| Replacement | MH 4 kW |
| CCT | 5,700 K |
| LED Package Life time | 50,000 hours (25°C) *LED package life time according to industry standard (LM80). *High operating temperature may shorten life span of LED package and LED lamp. |
| CRI | 75 Ra |

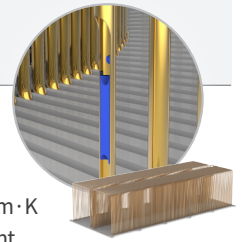| Beam Angle | 20° | 30° |
|---|---|---|
| | 120000 240000 360000 480000 | 90000 180000 270000 360000 450000 |
| | **45°** | **60°** |
| | 45000 90000 135000 180000 225000 | 36000 72000 108000 144000 180000 |

## 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
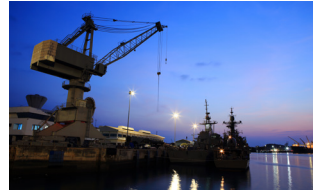
## APPLICATION

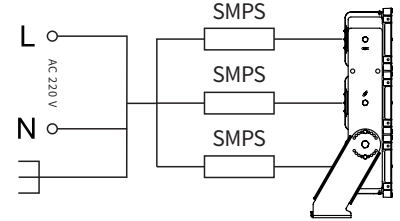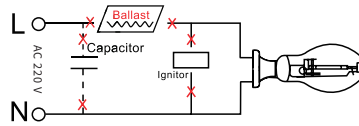| | | | |
|---|---|---|---|
| Stadium | Golf Course | Port | Arena |

## 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 : 544 x 290 x 746 mm
· Weight : 34 kg *Driver not incl.

### ① Single Unit Box

(Unit : mm)

### ② Pallet

(Unit : mm)

| Type | ① Single Unit Box | ② Pallet | 20ft Container-Palletized | Remarks |
|---|---|---|---|---|
| Quantity | 2 (product box : 1, bracket box : 1) | 8 | 80 (10 Pallets) | [1 Pallet] · product : 2R X 1R X 4L = 8 pcs · bracket : 2R X 2R X 2L = 8 pcs · total : 8 set |
| Dimension(mm) | · product : 700 x 600 x 300 · bracket : 155 x 550 x 415 | 1,010 x 1,200 x 1,350 | 2,160 x 6,000 x 1,350 | |
| GWT(kg) | 45 | 360 | 3,600 | |
| CBM | · product : 0.136 · bracket : 0.035 · total : 0.171 | 1.368 | 13.68 | |

## ⚠ WARNINGS

• Do not use with direct current and ballast.
• This lamp is non-dimmable, do not connect with dimmer
• This lamp must be installed straight downward and cannot be installed in different orientation.
• Do not install the lamp in an enclosed space
• 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.