INSTALLATION INSTRUCTION of LED GLOBAL LIGHT **EDITION:** ED2024YA FIXING: GTG5361A-MGA125A-FFS **FFS** FNE-L75 Housing: Aluminum Housing, Plastic Diffuse Electrical: LED color temperature is white/red/green/blue/white. Inner housing pre-wired with waterproof junction box. INTRODUCTI Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of "CIP". For the most current technical data, please refer to "CIP". ON Finish: Silver or Black or White. Custom colors are available. CSA certified to U.S. and Canadian standards, suitable for Wet locations. Protection class IP65 Basic safety precautions should always be followed: READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Should be installed by authorized person. And Servicing of this equipment should be performed by qualified personnel. 3. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. FOLLOW ANY SPECIFIC INSTRUCTIONS ON LUMINAIRE LABELS. 4. Before starting of installation please read this INSTRUCTION carefully and keeps it well. 5. 6. 7. Do not mount near heaters or hot surfaces. Should be mounted in locations where it will not be readily subject to tampering by unauthorized personnel. 8. The use of accessory equipment is not recommended by the manufacturer as it may cause an unsafe condition. 9. Do not use this equipment for other than its intended purpose. 10. If there is any broken, please should not use it. MIN 60°C SUPPLY CONDUCTORS. WARNING: LEDs are high quality electrical components. Please avoid touching them directly during installation. SPECIFICATION SHEET: Specify the item number from the label/mark on the product. **Tools Required:** "T": The column 'T' in this chart indicates the temperature in degrees Celsius which is reached on the center of the surface during **Drilling Machine** "D": The column 'D' in this chart indicates the dimming type Screwdriver "PC": The column 'PC' in this chart indicates the number of conductor of Flexible Cords for Power Supply. Hex Key "PC-DIA": The column 'PC-DIA' in this chart indicates the range of the outer diameter of Cable for Power Supply. Wrench "PD": The column 'PD' in this chart indicates the number of conductor of Flexible Cords for Dimming Signal. "PD-DIA": The column 'PD-DIA' in this chart indicates the range of the outer diameter of Cable for Dimming Signal. NO. **ITEM LED INPUT** Т PC PC-DIA PD PD-DIA D Weight: GTG5361A-MGA250A-30W-3000K-CDN 25W, 3000K AC100~277V,30W 48°C 1. NON 3C 5~9mm NON 4.5kgs(9.95lbs) GTG5361A-MGA250A-30W-3500K-CDN 25W, 3500K AC100~277V,30W NON 48°C 5~9mm NON 2. 3C 3. GTG5361A-MGA250A-30W-4000K-CDB 25W, 4000K AC100~277V,30W NON 48°C 3C 5~9mm NON 1 **IP65 IK06** 4. GTG5361A-MGA250A-30W-3000K-CDT 25W, 3000K AC100~277V,30W TRIAC 48°C 3C 5~9mm NON 5. GTG5361A-MGA250A-30W-3000K-CDV 25W, 3000K AC100~277V,30W 0~10V 48°C **3C** 5~9mm 2C 5~9mm GTG5361A-MGA250A-30W-3000K-CDA 25W, 3000K 48°C AC100~277V,30W DALL 5~9mm 2C 6. 3C 5~9mm 7 CV DC24V, 30W GTG5361A-MGA250A-30W-TWG-CDP 2C@25W **PWM** 53°C 3C 5~9mm NON 8. GTG5361A-MGA250A-30W-RGBW-CDP 4C@25W CV DC24V, 30W **PWM** 53°C 5C 5~9mm NON CV DC24V, 30W 9. GTG5361A-MGA250A-30W-TWG-CDX 2C@25W DMX512 53°C 3C 5~9mm 3C 5~9mm 10. GTG5361A-MGA250A-30W-RGBW-CDX 4C@25W CV DC24V, 30W DMX512 53°C 3C 5~9mm 3C 5~9mm DIMENSION: Installation: [UNIT: MM] 1. Construction requirements: Φ250/9.85" Provide a minimum 1/2" Cement solid ground or wall. [MCA] NOTE: Put the power cord in the installation position. Cores number and cable diameter as the list in "Specification sheet". L250/10" NOTE: The required length of power wire is minimum 250mm/10" (Figure 355/14 [FFS] ≥100/5 2. Disassemble the luminaire body (Figur.3). Loosen six hex bolt by 3mm spanner, then remove the [FLANGE] and [CON]. 3. Installation on Solid Surface: [FNE]

Drill three Φ10x125mm holes in ground according the drawing (Fig.4). Insert M8x120mm expansion bolt into the holes (Fig.5).

NOTES for [FBS]: If stake mounting, to hit the stake into lawn ground. (Fig.5A)

4. Fix the [FLANGE]: Fix the flange by three M8 nuts. (Fig.5)

NOTE: Put the power wire through the holder.

5. Connect the cables of luminaire to waterproof wiring box. (Fig.6) Make supply wiring and cable connections inside waterproof wiring box [CON]. NOTE: Follow the signs to identify the wires on the lamp.

NOTE: Tighten the cable gland and fix the cover by three screws(Fig.7)

(5.1) INPUT AC100~277V POWER:

MAIN VOLTAGE SUPPLY WIRE: BLACK or BROWN LUMINAIRE WIRE NEUTRAL (COMMON) SUPPLY WIRE: WHITE or BLUE LUMINAIRE WIRE GREEN GROUND WIRE: GREEN/YELLOW LUMINAIRE WIRE

0/1-10V Dimming (if applicable):

DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE

(5.2)INPUT DC24V POWER and DMX512 Signal:

POSITIVE DRIVER WIRE (+): RED WIRE

NEGATIVE DRIVER WIRE (-): BLACK WIRE

DMX512 Dimming Signal:

DIMMING SIGNAL CONTROL WIRE (+): PURPLE WIRE

DIMMING SIGNAL CONTROL WIRE (-): BLACK WIRE
DIMMING SIGNAL CONTROL WIRE (GND): YELLOW/GREEN WIRE

(5.3)INPUT DC24V POWER and RGB(+) and RGBW(+):

POSITIVE DRIVER WIRE (+): BLACK.

RED LED WIRE (-): RED WIRE. GREEN LED WIRE (-): GREEN WIRE.

BLUE LED WIRE (-): BLUE WIRE.

WHITE LED WIRE (-): YELLOW WIRE or WHITE WIRE.

6. Fix the bollard by four hex bolt by 3mm spanner onto the [FLANGE]. (Fig.8)

