

# INSTRUCTION of LED BOLLARD LIGHT

EDITION: ED2022YA

ITEM: GTF5001D-MCA95B-MTF-[BDM-L305]

FIXTURE: PSA-L508

FIXING: FNE-L125

## INTRODUCTION

**Housing:** Aluminum Housing, Opal PC Diffuser.

**Electrical:** LED color temperature is white/red/green/blue/white. Inner housing pre-wired with waterproof junction box.

**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 "GUBO". For the most current technical data, please refer to "GUBO".

**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.



1. **Basic safety precautions should always be followed: READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**
2. **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.**
4. **FOLLOW ANY SPECIFIC INSTRUCTIONS ON LUMINAIRE LABELS.**
5. **Before starting of installation please read this INSTRUCTION carefully and keeps it well.**
6. **Do not mount near heaters or hot surfaces.**
7. **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.**
11. **MIN 60°C SUPPLY CONDUCTORS.**
12. **WARNING: LEDs are high quality electrical components. Please avoid touching them directly during installation.**

## Tools Required:

Drilling Machine  
Screwdriver  
Hex Key  
Wrench

**SPECIFICATION SHEET:** Specify the item number from the label/mark on the product.

"T": The column 'T' in this chart indicates the temperature in degrees Celsius which is reached on the center of the surface during operation.

"D": The column 'D' in this chart indicates the dimming type

"PC": The column 'PC' in this chart indicates the number of conductor of Flexible Cords for Power Supply.

"PC-DIA": The column 'PC-DIA' in this chart indicates the range of the outer diameter of Cable for Power Supply.

"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.

Weight:  
3.3kgs(7.3lbs)

NO.	ITEM	LED	INPUT	D	T	PC	PC-DIA	PD	PD-DIA
1.	GTF5001D-MCA95B-15W-3000K-CDN	12W, 3000K	AC100~277V,15W	NON	48°C	3C	6~12mm	NON	
2.	GTF5001D-MCA95B-15W-3500K-CDN	12W, 3500K	AC100~277V,15W	NON	48°C	3C	6~12mm	NON	
3.	GTF5001D-MCA95B-15W-4000K-CDB	12W, 4000K	AC100~277V,15W	NON	48°C	3C	6~12mm	NON	
4.	GTF5001D-MCA95B-15W-3000K-CDT	12W, 3000K	AC100~277V,15W	TRIAC	48°C	3C	6~12mm	NON	
5.	GTF5001D-MCA95B-15W-3000K-CDV	12W, 3000K	AC100~277V,15W	0~10V	48°C	3C	6~12mm	2C	4~8mm
6.	GTF5001D-MCA95B-15W-3000K-CDA	12W, 3000K	AC100~277V,15W	DALI	48°C	3C	6~12mm	2C	4~8mm
7.	GTF5001D-MCA95B-15W-TWG-CDP	2C@12W	CV DC24V, 15W	PWM	53°C	3C	6~12mm	NON	
8.	GTF5001D-MCA95B-15W-RGBW-CDP	4C@12W	CV DC24V, 15W	PWM	53°C	5C	6~12mm	NON	
9.	GTF5001D-MCA95B-15W-TWG-CDX	2C@12W	CV DC24V, 15W	DMX512	53°C	3C	6~12mm	3C	4~8mm
10.	GTF5001D-MCA95B-15W-RGBW-CDX	4C@12W	CV DC24V, 15W	DMX512	53°C	3C	6~12mm	3C	4~8mm

IP65 IK08



## Installation:

1. Construction requirements:  
Provide a minimum 1/2" Cement solid ground or wall.  
**NOTE: Put the power cord in the installation position. Cores number and cable diameter as the list in "Specification sheet".**  
**NOTE: The required length of power wire is minimum 250mm/10"** (Figure 2).
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  
Drill three  $\Phi 10 \times 125$ mm holes on the mounting place according the drawing (Figur.4).  
Insert M8x150mm expansion bolt into the hole (Fig.4).
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.6)
- (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 six hex bolt by 3mm spanner onto the [FLANGE]. (Fig.7)

### DIMENSION:

[ UNIT: MM ]

