INSTRUCTION   LED DOWNLIGHT · [ITEM: GTR1055B-MCA120A]

gubo

INTRODUCTION

Housing: Die-casted Aluminum Housing, steel fasteners, Polycarbonate (PC) Plastic Diffuser.
Electrical: LED color temperature is G3000K. Inner housing pre-wired with one 12 inches stopper cable, and Non waterproof IP20 remote driver.
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 dry locations. Protection class IP20.

CAUTION

Basic safety precautions should always be followed: READ AND FOLLOW ALL SAFETY INSTRUCTIONS
Before starting of installation please read this INSTRUCTION carefully and keeps it well.
Should be installed by authorized person.
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.
The use of accessory equipment is not recommended by the manufacturer as it may cause an unsafe condition.
Do not use this equipment for other than its intended purpose.
Servicing of this equipment should be performed by qualified personnel.
If there is any broken, please should not use it.
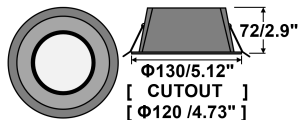
PRODUCT DIMENSION:
[UNIT: MM]

72/2.9"
Φ130/5.12"
[CUTOUT]
[Φ120 /4.73"]

Fig.1

Tools Requirement:
Small slotted standard screwdriver
Drilling Machine
Weight: 0.74kgs   (1.63 lbs)

IP20, IK06,

SPECIFICATION SHEET: Specify the item number from the label/mark on the product.
"RGB": The column 'ITEM' in this chart indicates that LED colors are red, green, and blue.
"RGBW": The column 'ITEM' in this chart indicates that LED colors are red, green, blue, and white.
"CDX": The column 'ITEM' in this chart indicates the controlling type DMX512.
"D": The column 'ITEM' in this chart indicates the dimming type or control mode.
"T": The column 'T' in this chart indicates the temperature in degrees Celsius which is reached on the center of the lens surface during operation. Surface temperatures are for exterior applications, for interior applications add 10°C to temperatures shown.
"D": The column 'D' in this chart indicates the dimming type
"C": The column 'C' in this chart indicates the number of conductor of Flexible Cords.

NO.	ITEM	LED	INPUT	D	T	C
1.	GTR1055B-MCA120A-18W-G3000K	16W, G3000K	AC100-277V, 18W	NON	56°C	2C
2.	GTR1055B-MCA120A-18W-G3000K-CDV	16W, G3000K	AC100-277V, 18W	0-10V	56°C	4C
3.	GTR1055B-MCA120A-18W-G3000K-CDT	16W, G3000K	AC100-277V, 18W	TRIAC	56°C	2C
4.	GTR1055B-MCA120A-18W-G3000K-CDA	16W, G3000K	AC100-277V, 18W	DALI	56°C	4C
5.	GTR1055B-MCA120A-18W-G3000K-CDZ	16W, G3000K	AC100-277V, 18W	ZIGBEE	56°C	2C
6.	GTR1055B-MCA120A-18W-G3000K-CDP-DC24V	16W, G3000K	DC24V, 20W	PWM	56°C	2C
7.	GTR1055B-MCA120A-18W-G3000K-CDX-DC24V	16W, G3000K	DC24V, 20W	DMX512	56°C	5C
8.	GTR1055B-MCA120A-18W-G3000K-CDX-AC100T277V	16W, G3000K	AC100~277V,20W	DMX512	56°C	5C
9.	GTR1055B-MCA120A-18W-RGBW-CDP-DC24V	16W, G3000K	DC24V, Maxi. 20W	PWM	56°C	5C
10.	GTR1055B-MCA120A-18W-RGBW-CDX-DC24V	16W, G3000K	DC24V, Maxi. 20W	DMX512	56°C	5C
11.	GTR1055B-MCA120A-18W-RGBW-CDX-AC100T277V	16W, G3000K	AC100~277V, 20W	DMX512	56°C	5C

Notice to Installer
  MIN 60°C SUPPLY CONDUCTORS.

Installation:
1. Construction requirements:
  Provide a minimum 5" space above false ceiling.
2. Drill the hole of cutout as dimension (Fig-1) at the installation place (Fig2).
3. Place the power cord in the ceiling (Fig3).
  NOTE-1: Wires number according to the specification sheet column "C".
4. Connect the input power cables to LED Driver. (Fig.4)
  Make supply wiring and cable connections inside driver box.
  NOTE: Follow the signs to identify the wires on the led driver.
(4.1) 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
  Dimming Control Wire (if applicable):
  DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
  DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE
(4.2) INPUT DC24V POWER :
  POSITIVE DRIVER WIRE (+): Red or Brown Wire
  NEGATIVE DRIVER WIRE (-): Black or Blue Wire
(4.3) INPUT DC24V POWER and DMX512 Signal:
  POSITIVE DRIVER WIRE (+): BROWN WIRE
  NEGATIVE DRIVER WIRE (-): BLUE WIRE
  DMX512 Dimming Signal:
  DIMMING SIGNAL CONTROL WIRE (+) : PURPLE WIRE
  DIMMING SIGNAL CONTROL WIRE (-) : BLACK WIRE
  DIMMING SIGNAL CONTROL WIRE (GND): YELLOW/GREEN WIRE
(4.4) INPUT DC24V POWER and RGB(+) and RGBW(+):
  POSITIVE DRIVER WIRE (+): BLACK.
  RED LED WIRE (-): BROWN WIRE.
  GREEN LED WIRE (-): GREEN/YELLOW WIRE.
  BLUE LED WIRE (-): BLUE WIRE.
  WHITE LED WIRE (-): PURPLE WIRE or WHITE WIRE.
5. Connect the cables of DOWNLIGHT to LED Driver. (Fig.5)
  Make supply wiring and cable connections inside led driver box.
  NOTE: Follow the signs to identify the wires on the downlight.
  POSITIVE DRIVER WIRE (+): Red Wire
  NEGATIVE DRIVER WIRE (-): Black Wire
6. Fix the lamp into the cutout (Fig6).
  Pushing the springs on both side of the lamp into the hole. And then forcing upward to push the lamp completely into the installation hole.
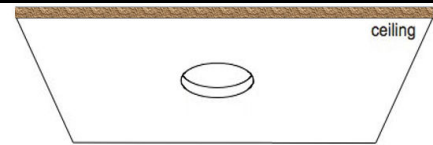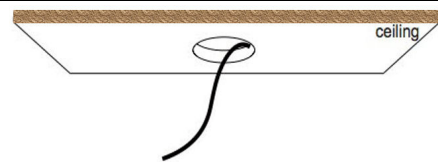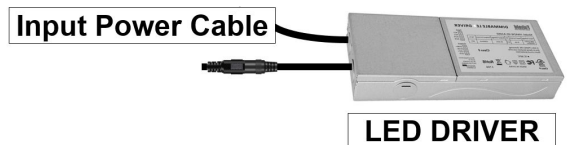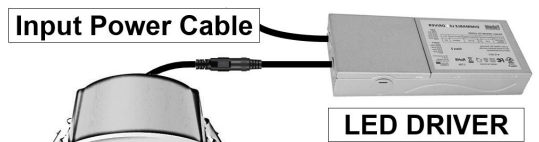
Fig.2

Fig.3

Input Power Cable
LED DRIVER
Fig.4

Input Power Cable
LED DRIVER
DOWNLIGHT
Fig.5

POWER INPUT
LED DRIVER
LED DRIVER
Fig.6