INSTRUCTION [ITEM: GTE3602FS]

INTRODUCTION

LED FLUSH CEILING LIGHT
Housing: PC plastic Body and PC plastic diffuser.
Electrical: 36W LED luminaire, 40 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, Optional DC24V and 0-10V dimming or Triac Dimming.
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: Natural Finished in White. Custom colors are available.
Note: CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP65.

⚠️ CAUTION

Basic safety precautions should always be followed: READ AND FOLLOW ALL SAFETY INSTRUCTIONS
WARNING: This fixture is intended for installation in accordance with the National Electrical Code (NEC) and all local code specifications. If you are not familiar with code requirements, installation by a certified electrician is recommended.
Do not mount near heaters or hot surfaces.
CLEANING: Always be certain that electric current is turned off before cleaning. Only a damp cloth should be used. Harsh cleaning products may damage the finish.
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.
If there is any broken, please should not use it.
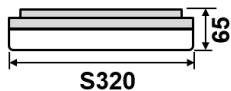
PRODUCT DIMENSION: [UNIT: MM]

65
S320
Fig.1

Tools Required:
Philips screwdriver
Weight: 1.8kgs (4lbs)

IP65, IK06, ETL

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 glass 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.	GTE3602FS-40W-3000K-CDN	36W, 3000K	AC100~277V, 40W	NON	53°C	3C
2.	GTE3602FS-40W-3000K-CDT	36W, 3000K	AC100~277V, 40W	Triac	53°C	3C
3.	GTE3602FS-40W-3000K-CDV0	36W, 3000K	AC100~277V, 40W	0~10V	53°C	5C
4.	GTE3602FS-40W-3000K-CDP-DC24V	36W, 3000K	DC24V, 45W	PWM	57°C	2C
5.	GTE3602FS-40W-TW-CDP-DC24V	36W, 2700~6500K	DC24V, 45W	PWM	57°C	2C
6.	GTE3602FS-40W-RGBW-CDP-DC24V	36W, RGBW	DC24V, 45W	PWM	57°C	5C

Construction:

C1. Put the power cord inside your outlet box (Fig.2) in the installation position.
NOTE: The required length of power wire is minimum **300mm** (Fig.3).
NOTE: Cores number as the list in "Specification sheet"
C2. Make supply wiring and cable connections inside luminaire.
NOTE1: Follow the signs on cords to identify the wires inside the luminaire.
(C2.1) Grounding instructions: (See Fig4. A or B).
A) On fixtures where mounting strap is provided with a hole and two raised dimples. Wrap ground wire from outlet box around green ground screw, and thread into hole.
B) On fixtures where a cupped washer is provided. Attach ground wire from outlet box under cupped washer and green ground screw, and thread into mounting strap. If fixture is provided with ground wire. Connect fixture ground wire to outlet box ground wire with wire connector. (Not provided.) After following the above steps. Never connect ground wire to black or white power supply wires.
NOTES: Wiring connector need by waterproof IP65. (Provided with luminaire.)
(C2.2) 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
(C2.3)INPUT DC24V POWER for Single Color LED:
POSITIVE DRIVER WIRE (+): RED or Brown
NEGTIVE DRIVER WIRE (-): BLACK or BLUE
(C2.4)INPUT DC24V POWER for 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.

[FFS] Surface Mounted on Solid Wall or Solid Ceiling.

1. Drill two holes Φ6x35mm according the drawing (Fig.6)
2. Loose clips and remove the mounting bracket from the luminaire. (Fig.5)
3. Insert Φ6mm expansion tube in the wall, fix the bracket by M4 Screws.(Fig.7)
4. Use the screwdriver to open the terminal block cover.(Fig.8)
5. Connect the main power cable into the terminal block box.(Refereed to **C2**)
6. Fix the luminaire to the bracket.(Fig.9)

[FJP-OCT] Surface Mounted on the 4" Octagon Box.

1. Loose clips and remove the mounting bracket from the luminaire. (Fig.5)
2. Fix the bracket on the 4" octagon box by two #8-32x1/2" screws. (Fig.10)
3. Insert Φ6mm expansion tube in the wall, fix the bracket by M4 Screws.(Fig.7)
4. Connect the main power cable into the terminal block box.(Fig.11) (Refereed to **C2**)
5. Fix the luminaire to the bracket.(Fig.12)

[FSF] Ceiling Semi-recessed.

Construction requirements:
1. Construction requirements: Provide a minimum 2" space false ceiling.
   Notes: The false ceiling board have maxi thickness 25mm/1"
2. Make the cutout according the drawing. (Fig.13)
3. Fix the spring clips on the fitting. (Fig.14)
4. Use the screwdriver to open the terminal block cover.(Fig.8)
5. Connect the main power cable into the terminal block box.(Refereed to **C2**)
6. Fix the luminaire to the cutout.(Fig.15)
   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

8mm
10mm
Fig.3

A
WIRE CONNECTOR
B
OUTLET BOX GROUND
FIXTURE GROUND
FIXTURE GROUND
OUTLET BOX GROUND
DIMPLES
GREEN GROUND SCREW
GREEN GROUND SCREW
CUPPED WASHER
Fig.4

Bracket
Fig.5

Fig.7

89mm
Fig.6

Fig.9

Fig.8

Fig.10

Fig.12

Fig.11

320mm
280mm
Fig.13

Fig.14

Fig.15