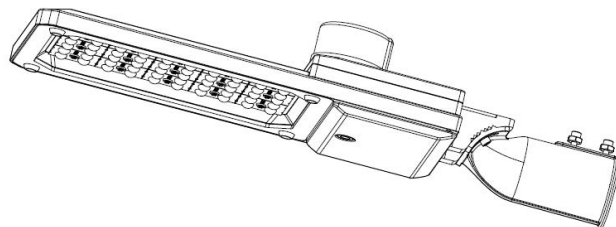**CHz®**

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

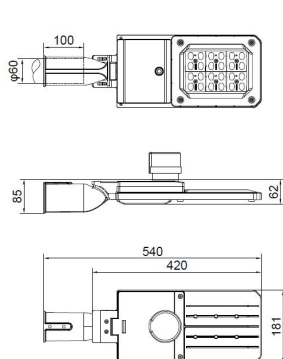## READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. To avoid the possibility of electric shock, disconnect the power supply before installation or maintenance. Installation and maintenance must be carried out by qualified personnel.
2. When closing the appliance cover, make sure that all the wires are inside the box to avoid pinching the wires.
3. If Photo Receptacle is installed, refer to the "Photo Control" section for instructions.
4. The product must be installed according to the local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
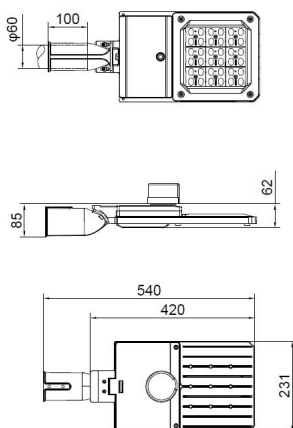5. Do not alter the structure or any components of the device to ensure safety.

100-240V/277V AC, 50/60 Hz, suitable for wet locations (IP66), Class I
* Maximum installation height: 15M
* Diameter of pole pole: Φ 60 mm (2.4 ") / * 50 mm in diameter need longer screws
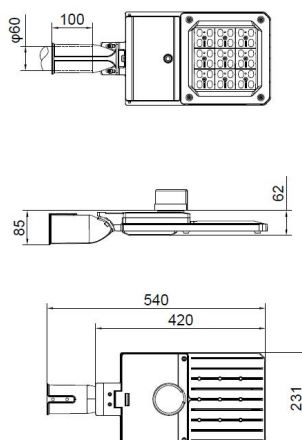* This product must be grounded

TECHNICAL PARAMETER

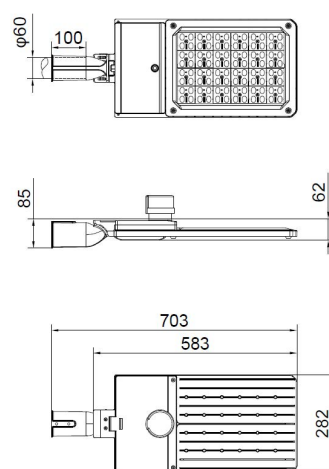| Model No.	Rate Power	Input Voltage	LED Chips		CCT	CRI	Efficacy (6000K)	Beam Angle	IP/IK	Size(mm)	
			TYPE	QTY						Fixture (L*W*H)	Dia
CHZ-ST44-30W	30W	100-240V/277V~	SMD5050	36PCS	3000~6500K	>70	>150Lm/W	TYPE II TYPE III	IP66 / IK08	540x181x85	Φ60
CHZ-ST44-50W	50W	100-240V/277V~	SMD5050	36PCS	3000~6500K	>70	>150Lm/W	TYPE II TYPE III	IP66 / IK08	540x181x85	Φ60
CHZ-ST44-80W	80W	100-240V/277V~	SMD5050	54PCS	3000~6500K	>70	>150Lm/W	TYPE II TYPE III	IP66 / IK08	540x231x85	Φ60
CHZ-ST44-100W	100W	100-240V/277V~	SMD5050	54PCS	3000~6500K	>70	>150Lm/W	TYPE II TYPE III	IP66 / IK08	540x231x85	Φ60
CHZ-ST44-120W	120W	100-240V/277V~	SMD5050	90PCS	3000~6500K	>70	>150Lm/W	TYPE II TYPE III	IP66 / IK08	642x231x85	Φ60
CHZ-ST44-150W	150W	100-240V/277V~	SMD5050	90PCS	3000~6500K	>70	>150Lm/W	TYPE II TYPE III	IP66 / IK08	642x231x85	Φ60
CHZ-ST44-200W	200W	100-240V/277V~	SMD5050	144PCS	3000~6500K	>70	>150Lm/W	TYPE II TYPE III	IP66 / IK08	703x282x85	Φ60
CHZ-ST44-240W	240W	100-240V/277V~	SMD5050	144PCS	3000~6500K	>70	>150Lm/W	TYPE II TYPE III	IP66 / IK08	703x282x85	Φ60

S

M

L

XL

IMPORTANT
Check whether it concerns an AC(Alternating Current) based or DC(Direct Current) based system.
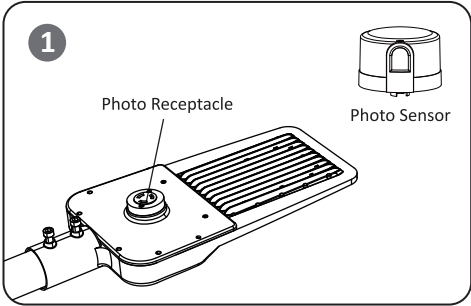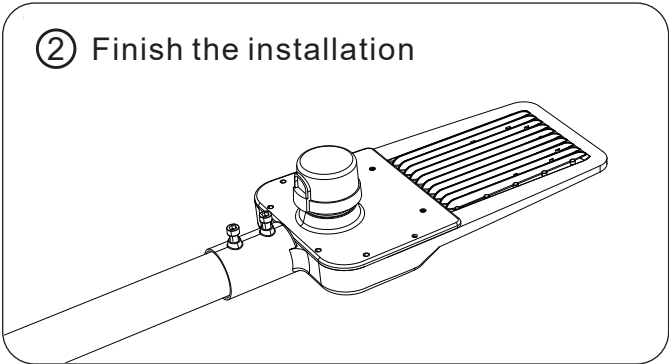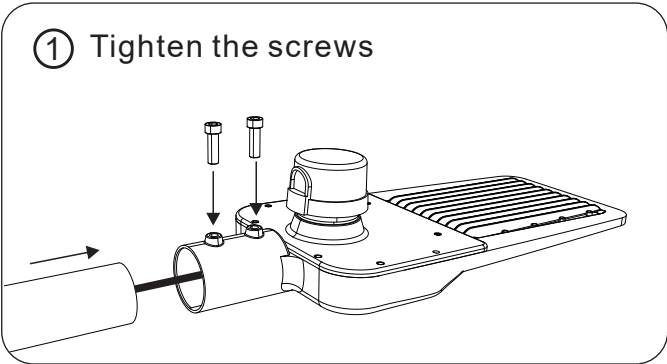

PHOTO CONTROL (OPTIONAL)

If the fixture with PHOTO CONTROL function, the Photo Receptacle will be installed on the cover of fixture. See ❶. Fit the pins of Photo Sensor to Photo Receptacle, firmly insert and rotate Photo Sensor to proper position.

<Verifying>
Make sure all the connections done and photo control is well installed on the fixture, switch on the power supply and cover the window of photo sensor, wait 5 seconds, the fixture will be turned on.

SAVE THIS INSTRUCTIONS FOR FUTURE REFERENCE

TO INSTALL:

① Tighten the screws

② Finish the installation

ELECTRICAL CONNECTIONS - 100-240V/277V AC, 50/60Hz
PHASE TO NEUTRAL WIRING

AC BASED

STEP 1:
Make the following Electrical Connections:
    a.Connect **INPUT GROUND** conductor to **GREEN WIRE** position of the terminal block or GROUND conductor of LED driver.
    b.Connect **INPUT VOLTAGE** conductor to **BROWN WIRE** position of the terminal block or LINE conductor of LED driver.
    c.Connect **INPUT NEUTRAL** conductor to **BLUE WIRE** position of the terminal block or NEUTRAL conductor of LED driver.

STEP 2:
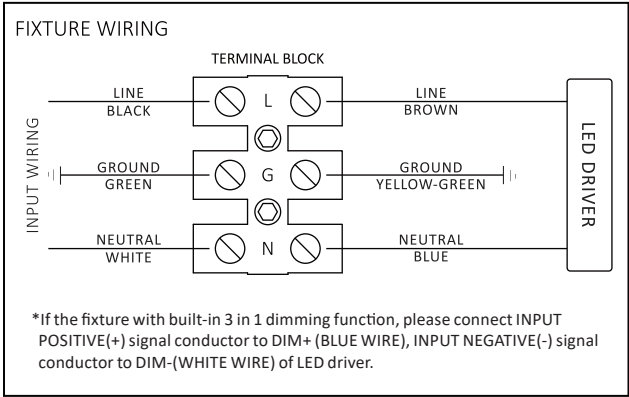Make sure all excess input wires are pushed into pole, screws are tightened.

STEP 3:
Close cover by firmly pushing cover towards fixture, making sure that no wires are pinched and Sealing gasket are fully engaged.

STEP 4:
If the fixture without a terminal block, please insulate all electrical connections with wire nuts suitable for at least 90°C

Input cable should be at least H05RN-F 3x1.0mm2(SJTW 18AWG) or outdoor grade cable with rubber sheathed(not supplied). The cable must have a minimum cross sectional area of 1.0mm2(18AWG).

FIXTURE WIRING

TERMINAL BLOCK

INPUT WIRING			LED DRIVER
LINE BLACK	L	LINE BROWN	
GROUND GREEN	G	GROUND YELLOW-GREEN	
NEUTRAL WHITE	N	NEUTRAL BLUE	

*If the fixture with built-in 3 in 1 dimming function, please connect INPUT POSITIVE(+) signal conductor to DIM+ (BLUE WIRE), INPUT NEGATIVE(-) signal conductor to DIM-(WHITE WIRE) of LED driver.

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collec on systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.