

S- type
PLS LED Lamp - High Voltage

PLS LED

Non-dimmable



Base Type : GX24Q / G23
Input Voltage : H:100~240V
LED Source : Nichia / Epistar
Total Power Consumption :
Nichia : 9.5W±10%
Epistar : 10.5W±10%

Safety & Environment Specifications

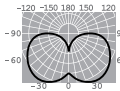
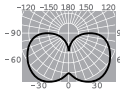
S-Type-PLS bulbs are manufactured to conform to the following safety approbation.

Certificated Mark			EMC	LVD	ErP		REACH
Certificate Approval	●	●	●	●	●	●	●

Certificate Approval : ● : Completed △: In Progress

150/233mm
Energy Efficiency Class : A+
Rated luminous flux (ErP) : 700/1400lm

Specification

Polar Diagram	No.	Part Number	LED Source	Input Voltage	CCT	C.R.I. (RA)	Beam Angle (°)	CBCP Candela (cd)	Total Pow. +/-10%	Typical Lumens (lm)	Efficiency (lm/W)	Dimming	Power Factor H
	1	MES150XXPP-NVW7205H	N-157	Universal 100-240V	2700K	80	300	35	9.5	685	72	NO	0.8
	2	MES150XXPP-NWW7205H	N-157		3000K	80	300	40	9.5	750	79	NO	0.8
	3	MES150XXPP-NCW7205H	N-157		5000K	70	300	45	9.5	820	86	NO	0.8
	4	MES150XXPP-NW7205H	N-157		5700K	70	300	45	9.5	890	94	NO	0.8
	5	MES150XXPP-OVW7205H	E-3020	Universal 100-240V	2700K	80	300	50	10.5	990	94	NO	0.8
	6	MES150XXPP-OWW7205H	E-3020		3000K	80	300	50	10.5	1005	96	NO	0.8
	7	MES150XXPP-ONW7205H	E-3020		4000K	80	300	55	10.5	1150	110	NO	0.8
	8	MES150XXPP-OW7205H	E-3020		5700K	70	300	55	10.5	1165	111	NO	0.8

Option 1 : Lamp base: GX10Q / GX24Q / G23

Option 2 : Input Voltage: H 100~240V

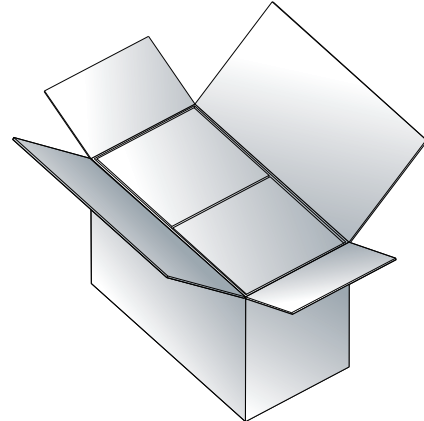
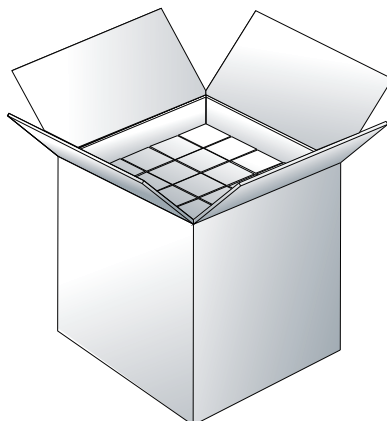
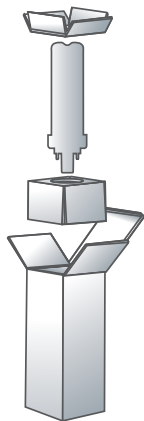
Option 3 : The above CCT. is defined based on ANSI standard. Specific color temperature can be done upon customer request. For instance 2700K could be assigned as 2580~2725K or 2725~2870K, the same can be accomplished for 3500K and 5500K as well but shall be with different price. 2200K is also available upon request.

Option 4 : 4700~6700K typical CRI +70; 2580~4500K typical CRI +80; CRI+90 is also available upon request.

Certificate Approval :      

2D Drawing

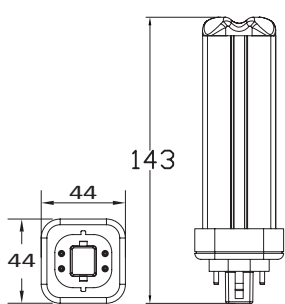
Product Packing PLS



Step 1		Step 2		Step 3	
Gife Box/ White Box	1Pc of Lamp	Interior Box	50 Boxes	Outer Box	2 Inner Cartons (100 White Boxes)
Dimensions(mm)	L:53*W:53*H:160mm	Dimensions(mm)	L:285*W:285*H:385	Dimensions(mm)	L:600*W:310*H:420

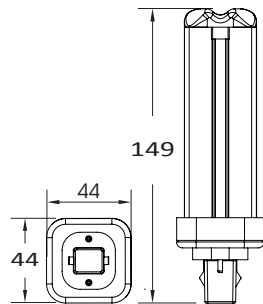
Dimension (mm) \varnothing : 44

Net Weight (g)



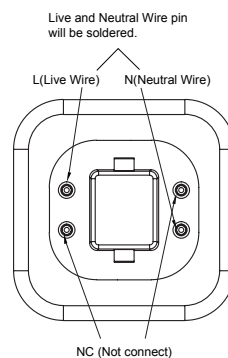
Base GX24Q

Net Weight (g) 120

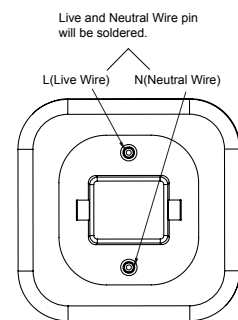


Base G23

Net Weight (g) 120

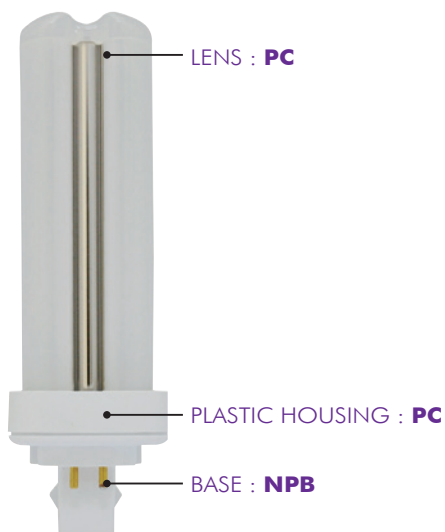


GX24Q



G23

Lamp body material



Luminaire Notice

The LED Lamp is not compatible with all luminaires for halogen lamps. Before installation, please read following guidelines:

- No sealed fixtures.
- Not for outdoor fixtures.
- Not for wet environment.
- Not for integral primary optics.



No sealed fixtures



Not for outdoor fixtures

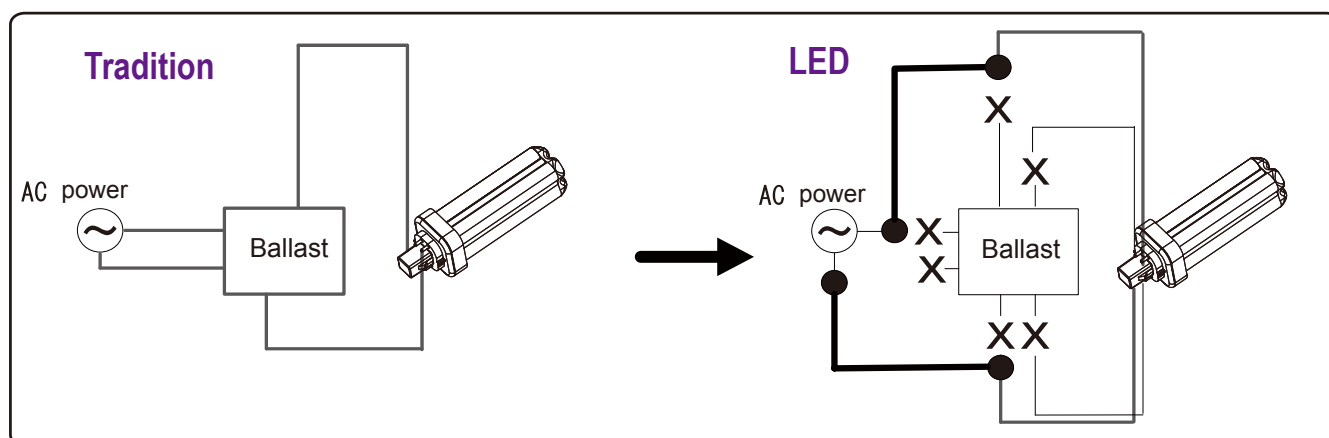
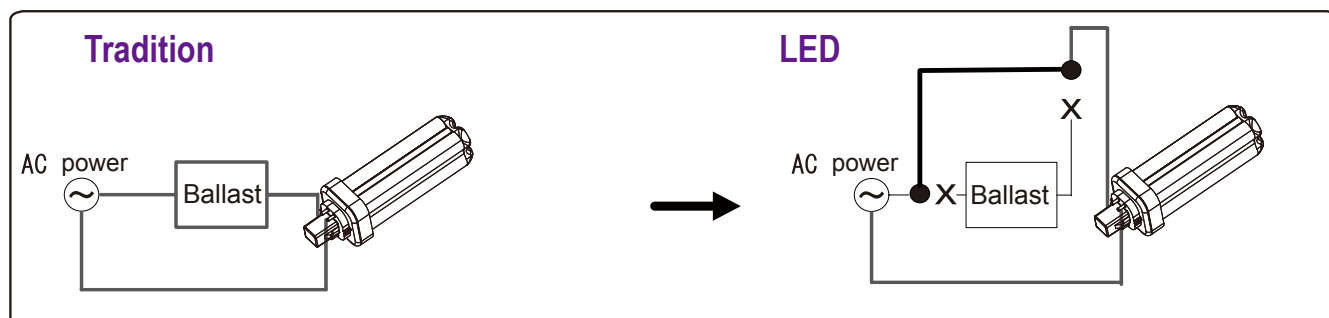


No Ballast

Installation Procedure:

To be Carried Out by a Qualified Person

- 1) Ensure that mains supply is switched off before installation, maintenance or lamp replacement.
- 2) Where applicable, remove diffuser, existing lamp(s) and starter.
- 3) Remove/bypass existing ballast and connect Live and Neutral.
- 4) Insert the BLTC LED Lamp.
- 5) Ensure all screws/clips are secured, wiring is safely protected and diffusers replaced before switching on power.



Safety Label & Warning

- Do not cover lamp with paper, fabric, or any flammable material to avoid burning.
- Working Environmental Temperature: $-20 \sim +40^{\circ}$
- Do not insert metal objects into the gap of lamp base.
- The appropriate combination of lamp and lamp base should be carefully selected for different voltage and wattage.
- Do not use in high-humidity environment or near water to avoid damage. (Except B.L.T.C. Outdoor IP65 version)
- Not suitable for use in automatic light sensor system, emergency lighting fixture and mercury fixture to avoid damage and burning.
- Do not use near flammable objects such as gasoline, spray, chemicals, paints, oil...etc.
- Do not use in place that is likely to be impacted by force or vibration.
- Do not use in acidic environment.
- Please turn the light off when installing or cleaning to avoid electrical shock.
- Please handle with care to avoid damage and collision.
- Do not touch any powered-on lamps or lamps that have just been turned off to avoid burning.
- Please ensure the lamp is tightly installed into the socket to avoid dropping.
- Please select the appropriate fixture based on lamp size and weight.

General Guideline

- Slight difference of color temperature and brightness is likely to occur for the same part number due to the difference of LED chips.
- Brightness, color temperature, and light distribution may vary with different types of bulbs.
- To avoid heat build-up and the shortening of product lifetime, sealed fixture is not recommended.
- Keep the lamp away from radio, video and television for a distance of 1 meter to avoid noise caused by interference.
- Do not install lamp in heat insulated fixture.
- Do not disassemble or reconstruct the lamp.
- Do not stare directly at the lamp to avoid eye injury.
- The light distribution may vary with different type of fixtures.
- Do not wash the lamp with water.
- Do not use the lamp outdoor if it is not marked as IP65.
- To avoid damage and poor insulation, do not use the lamp near water or in frosted environment if it is not marked as IP65.
- For lamps with a weight significantly higher than that of the lamps for which they are a replacement, attention should be drawn to the fact that the increased weight may reduce the mechanical stability of certain luminaires and lampholders and may impair contact making and lamp retention.