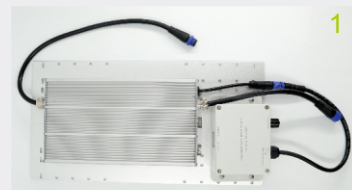
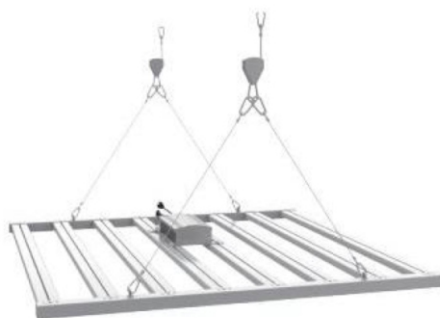


LED Grow Light

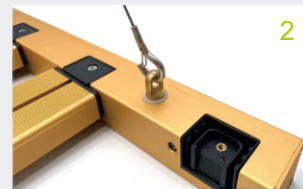
NSDO-GL320-D ,NSDO-GL500-D
NSDO-GL600-D ,NSDO-GL800-D
NSDO-GL1000-D,NSDO-GL1200-D



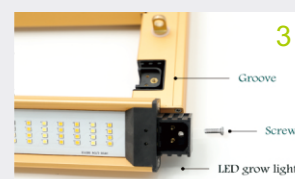
Gold/Silver optional



Wide voltage input,
high efficiency power supply



Al6063 material, surface sandblasting
and oxidation process, anti-rust and
anti-corrosion.



High brightness SMD 3030 chip
Surface AB glue filling and sealing

Features Description

- ◆ 1. Specially designed for greenhouse and high-shed indoor plant lighting fixtures.
- ◆ 2. Slim appearance, surface treatment anti-corrosion, pressure resistance and crack resistance.
- ◆ 3. With a variety of different installation accessories, you can quickly and easily install to suit your space.
- ◆ 4. The aluminum profile is used for heat dissipation as a whole, and the heat dissipation effect is good. The single strip is detachable and easy to replace.
- ◆ 5. Long life-50,000 hours, dimmable.
- ◆ 6. Using matching plant full spectrum, high color rendering index to restore the true color of the object, low light attenuation.
- ◆ 7. Widely used in greenhouse cultivation, gardening, fruit and vegetable greenhouses, plant landscape and other fields.

Applications





Technical parameters

SPECIFICATION		NSDO-GL320-D		NSDO-GL500-D		NSDO-GL600-D		NSDO-GL800-D	
ELECTRICAL SPECIFICATIONS	Input Voltage (V)	AC100-277V ,50/60Hz							
	Power Factor	120V@0.98,277V@0.9							
	Power Watts(W)	320W		500W		600W		800W	
	Dimming Availability	Manual dimming							
	THD	<20%							
	Efficiency	≥90%							
PHOTOMETRIC INFORMATION	Lumens Delivered (lm)	41600LM±5%		65000LM±5%		78000LM±5%		104000LM±5%	
	Color Rendering Index (CRI)	>80							
	Spectrum	Full spectrum(3000K+6500K+660nm)							
	Light Type	SMD 3030							
	Beam Angle	120°							
	Number of light bars and lamp beads	3000K 120pcsX4 6500K 48pcsX4 660nm 48pcsX4	3000K 120pcsX6 6500K 48pcsX6 660nm 48pcsX6	3000K 180pcsX8 6500K 72pcsX8 660nm 72pcsX8					
GENERAL PERFORMANCE	IP Grade	IP 65							
	Material	Al16063 aluminum							
	Lamp Size	L810*W690*H77 mm L31.9**W27.2**H 3.0"		L810*W690*H77 mm L31.9**W27.2**H 3.0"		L1128*W1104*H77 mm L44.4**W43.5**H 3.0"			
	Fixture Weight	3.7Kg(8.14lbs)		8.7Kg(19.1lbs)		15.8Kg(34.76lbs)		17.2Kg(37.84lbs)	
	Storage temperature	-20 °C - 55°C (-4 °F to 131 °F)							
	Operating Temperature	-20 °C - 45 °C (-4 °F to 113 °F)							
	Environment Humidity	40% ~ 90% RH, non condensing							
	Certication	CE,ROHS							
	Life Span	>30,000 hours (Luminance decrease is less than 30%)							

SPECIFICATION		NSDO-GL1000-D		NSDO-GL1200-D	
ELECTRICAL SPECIFICATIONS	Input Voltage (V)	AC100-277V,50/60Hz			
	Power Factor	120V@0.98,277V@0.9			
	Power Watts(W)	1000W		1200W	
	Dimming Availability	Manual dimming			
	THD	<20%			
	Efficiency	≥90%			
PHOTOMETRIC INFORMATION	Lumens Delivered (lm)	130000LM±5%		156000LM±5%	
	Color Rendering Index (CRI)	>80			
	Spectrum	Full spectrum(3000K+6500K+660nm)			
	Light Type	SMD 3030			
	Beam Angle	120°			
	Number of light bars and lamp beads	3000K 6500K 660nm		180pcsX10 72pcsX10 72pcsX10	
GENERAL PERFORMANCE	IP Grade	IP 65			
	Material	Al16063 aluminum			
	Lamp Size	L1128*W1104*H82 mm L44.4**W43.5**H 3.2"			
	Fixture Weight	20.1Kg(44.2lbs)		20.6Kg(45.3lbs)	
	Storage temperature	-20 °C - 55 °C (-4 °F to 131 °F)			
	Operating Temperature	-20 °C - 45 °C (-4 °F to 113 °F)			
	Environment Humidity	40% ~ 90% RH, non condensing			
	Certication	CE,ROHS			
	Life Span	>30,000 hours (Luminance decrease is less than 30%)			

Power	320W	500W	600W
PFF	813 μmol/s	1210 μmol/s	1521 μmol/s
Efficiency	2.5 μmol/J	2.5 μmol/J	2.5 μmol/J

Power	800W	1000W	1200W
PFF	2025 μmol/s	2518 μmol/s	3026 μmol/s
Efficiency	2.5 μmol/J	2.5 μmol/J	2.5 μmol/J

320/500/600/800/1000/1200 watt LED Grow Light with a full spectrum, emphasizing the Blue and Red wavelengths. Generally, this light can replace up to a 800/1250/1500 /2000/2500/3000 watt HPS lamp.

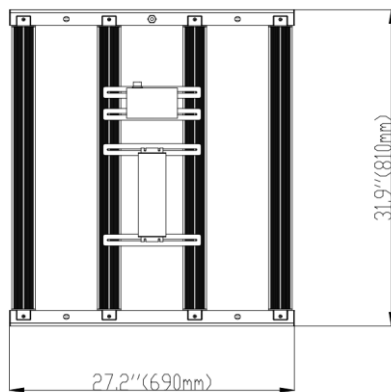
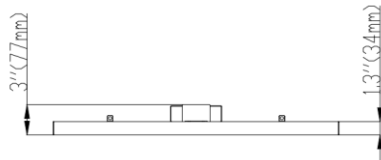
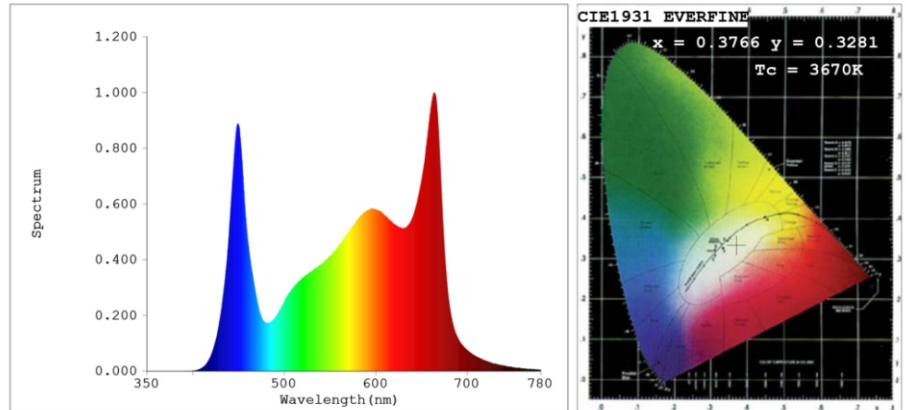


Size chart & Light Distribution

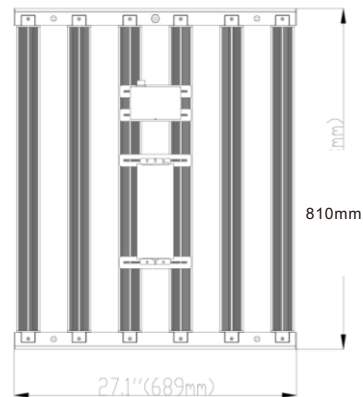
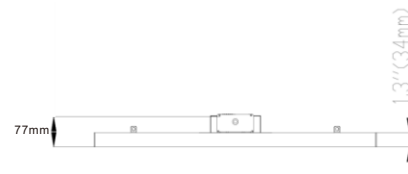
Applications:

This lamp can be used as a primary or supplemental light source for almost any type of indoor growing.

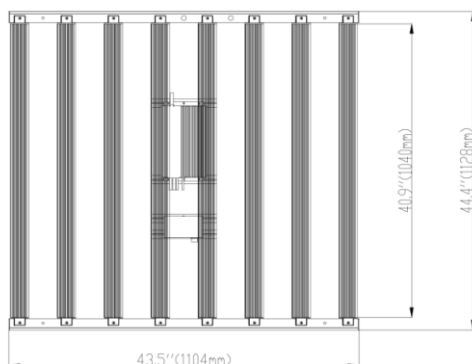
The light output has a very wide angle. It will provide the greatest benefit when mounted relatively close to the plants.



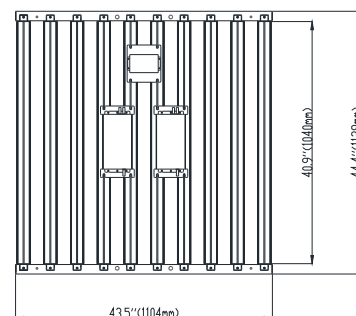
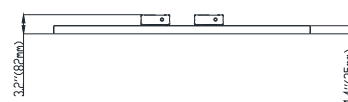
320W



690mm
500W



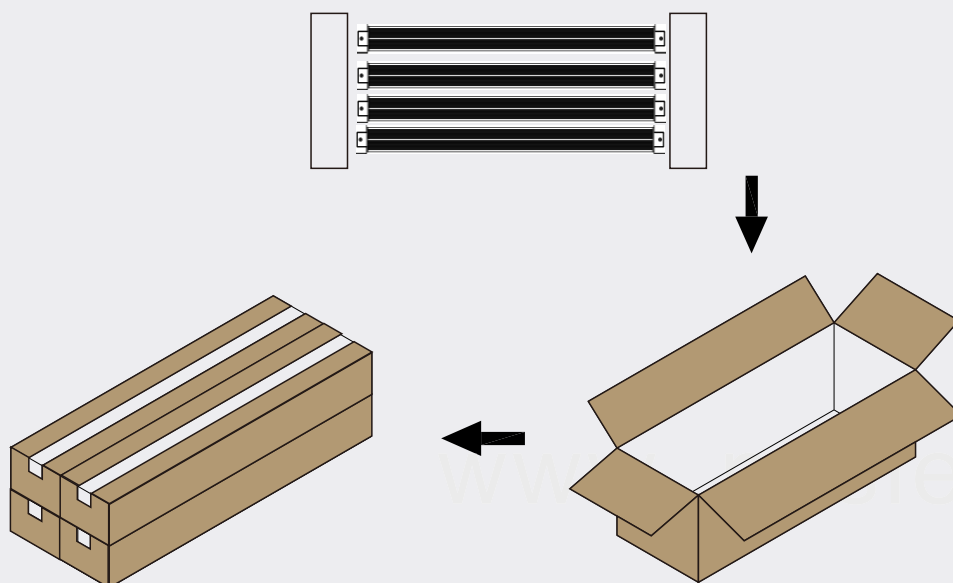
600W/800W



1000W/1200W



Package



Model	Packaging unit (Pieces/Unit)	Dimensions	Gross weight	Volume
NSDO-GL320-D	Small box 1	91*25*25cm	4.4Kg	0.057m ³
	Outer Carton 3	92*26*76cm	14.5Kg	0.18m ³
NSDO-GL500-D	Outer Carton 1	91*25*25cm	9.8Kg	0.057m ³
NSDO-GL600-D	Outer Carton 1	114*25*25cm	16.9Kg	0.07m ³
NSDO-GL800-D			18.3Kg	0.07m ³
NSDO-GL1000-D	Outer Carton 1	114*25*25cm	21.2Kg	0.07m ³
NSDO-GL1200-D			21.7Kg	0.07m ³

Installation

Installation considerations

1. Open the package and check carefully the product, please handle it gently;
2. If there is a new product damaged, please keep it in good condition. The manufacturer should respond it in time;
3. Please do not use the damaged product.
4. Installation of products must be guided by a professional electrician;
5. Non-professionals are not allowed to disassemble and maintain. Our company has the right to refuse to provide maintenance services for products that have been repaired or replaced in private.
6. To ensure the normal operation of the product, please use the voltage marked on the lamps.
7. Please follow the correct installation steps to install the product.
8. Please turn off the lamp after installation to avoid the risk of electric shock.
9. The lamp body must be firmly installed, and the power cord must be insulated to prevent accidents.
10. The power cord must be waterproof.

Installation steps

1. Please disconnect the power supply before installation, the installation process is strictly prohibited to charged operation.
2. Tighten the rings/peg, put rings/peg in the hook, the smooth place, closed hook.
3. To ensure that the circuit has been disconnected, the blue line and the brown line is connected to the mains' L' and 'N' earth wire connected to GND, and doEdge processing, such as a plug, direct access to the switch.

