DESCRIPTION

LED Grow Light provides a durable LED light source for any application requiring maximum performance and minimum maintenance at plants. Full spectrum 380-740nm simulates sun light and suitable for plant growing. Three dimmers control light intensity in three groups, suit for clone, vegetable and flowering stages. 90-degree optical glass lens, light intensity concentrates stronger penetrating ability improves 5 times. Thermal switches equipped , control the temperature and secure your house.

CONSTRUCTION & MATERIALS

↘ Metal sheet housing
↘ High quality tempered PC Lens
↘ Full spectrum 380-740nm
↘ Polyester powder-coated finish, rust and corrosion proof, stabilized to extreme climate changes without cracking or peeling
↘ Fan dissipation heat
↘ Dimmers work mode available
↘ Thermal switches equipped

MOUNTING

↘ Pendent Mounted directly

FINISH

↘ White or Black

ENVIRONMENTAL SYSTEM

↘ ETL/cETL/CE listed for indoor locations

ELECTRICAL SYSTEM

↘ Integral high performance LED driver
↘ Input voltage 100-240VAC 50/60Hz
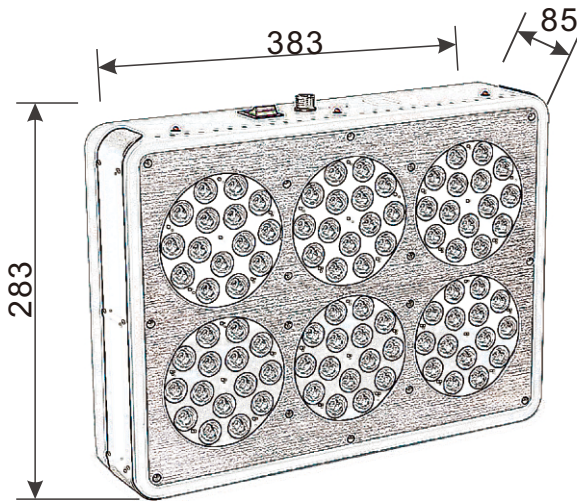
OPTICAL SYSTEM

↘ High performance power LEDs

LIGHTING CONTROL

Dimming available for special order, consult factory for lead time

WARRANTY

3 Years

®

DIMENSION (unit:mm)

383 **85**

283

NOTE

Customers can choose the different ratios, Our suggestion is red: blue=8:1 or 7:2, red: blue: orange=7:1:1. The suggested wavelength of the red is 620-630nm, the blue is 460-470nm and the orange is 610-615nm. With the mixture of red ,blue, orange, yellow, UV, IR and white lights, provide the plants needed nutrient light. The red LEDs are good for sprouting and flowering, while the blue LEDs promote the growth, at the same time, customers also can choose the more suitable wavelength and LED colors.

APPLICATION：

Ideal for all phases of plant growth, and works well with water solution culture and soil culture. Can be used in house garden, pot culture, garden, sowing, breeding, farm, flower exhibition, bonsai, garden, green house, sowing, breeding, farm, greenhouse cultivation, water soluble breeding, greenhouse cultivation, pipeline cultivation and so on.

ATTENTION:

1. Do not use the lights in dripping water or anywhere where they will get wet, water and electricity can be a dangerous mixture.
2. The working environment for the light is -20~40℃,45%RH~90%RH.
3. To protect the light, Please cut off the power when there is a lightning strike.
4. Don't touch or move when the light working.

DATA SHEET

	ITEM	DETAILS
GENERAL PERFORMANCE	**Input Voltage**	100-240Vac
	Power consumption(W)	180
	Lumens Delivered (lm)	>12600 (@ 6000K)
	LED	90pcs 3W
	Beam angle	90 degree
	LED Ratio	Blue:Red =1:2
	PAR (umol)	1590l/0.3m H,470/0.6m H,208/0.9m H
	LUX(lux)	38000@0.3m,10900@0.6m,4800@0.9m
	Coverage Area	0.8 ㎡/0.5m， 1.0 ㎡/0.8m， 1.2 ㎡/1m
	L70	>50,000 hrs
	Power Factor	>0.9
PHYSICAL	**Housing**	Metal sheet
	Lens	PC
	Finish	White
	Installation	Hanging
	Waterproof Rating	IP64
	Operating temperature	-20~40℃，45%~95%RH
CERTIFICATION	**Environment**	Indoor
	Warranty	3 years
	Certification	EN55015,EN6100-32, EN60598,EN61347 UL8750
PACKAGE	**INNBOX**	Size: 480*350*150mm /1pc N.W.: 4.80 Kg, G.W. : 5.30 kg
	MASTER CARTON	Size: 540*480*360mm/4pcs G.W.: 23.50 kg

ORDER INFORMATION

Sample Number: LT-GL903