



Full Spectrum LED Horticultural Light

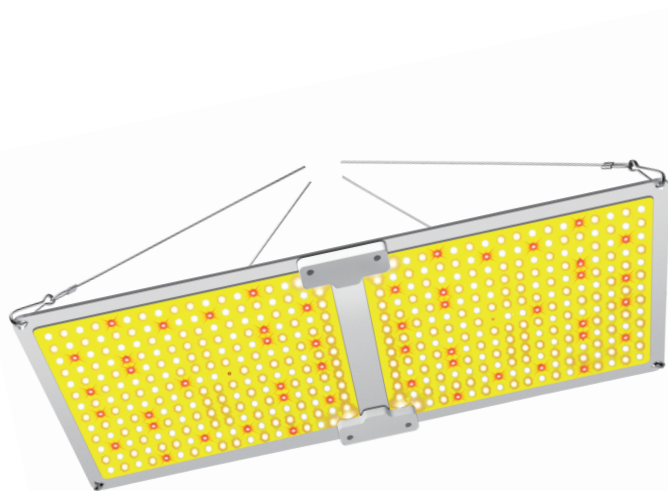
The all new LED Q Series is designed with the hobbyist, home grower in mind,
Simple Plug-and-Play Set-Up & Use, providing unmatched quality and yield at harvest.



THE PLUG SUITABLE FOR YOUR MARKET IS AVAILABLE



Special LEDs



Warm White Light (3000K)
Boosts plants blooms,makes flower bigger and vivid.



Day Light (5000K)
Promotes plants germination,increase the growth rata of plants.

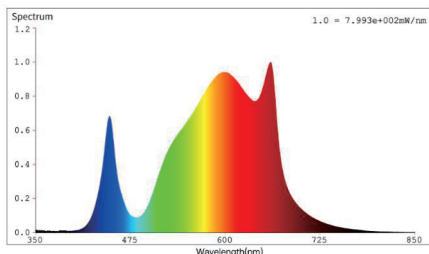


RED Light (660nm)
Yields more leaves and crops,when combined with blue light.



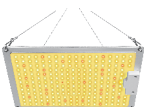
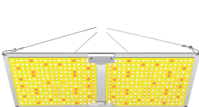
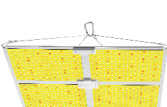
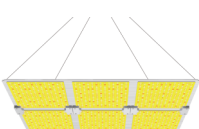
IR Light (760nm)
Speeds up the phytochrome conversion, allows the plant to produce a greater yield.

Full Spectrum



Spectrum	Function
280-315NM	UVB ultraviolet light which is harmful for the plants and cause the colors to fade
315-380NM	Range of UVA ultraviolet light which not harmful for the plants growth
380-400NM	Visible light spectrum which helps the plants on processing chlorophyll absorption
400-520NM	Including violet,blue,green bands,peak absorption by chlorophyll,big influence on photosynthesis-- Vegetative growth
520-610NM	This includes green,yellow,and orange bands,they are absorbed by plants
610-720NM	Red band,large amount of absorption by chlorophyll occurs,strong influence on photosynthesis-- Flowering & Budding
720-1000NM	Small amount of the spectrum could be absorbed for plants need to enhance cell growth

Specification

Picture				
Model No.	BL -1000	BL -2000	BL -4000	BL -6000
Actual Power	110W± 5%	220W± 5%	440W± 5%	660W± 5%
Size	300*240*55mm	600*240*55mm	600x480x55mm	720x600x55mm
LED Chips-3000K	136pcs	272pcs	544pcs	816pcs
LED Chips-5000K	72pcs	144pcs	288pcs	432pcs
LED Chips -Red	9pcs	18pcs	36pcs	54pcs
LED Chips -IR	1pcs	2pcs	4pcs	6pcs
LED Qty	218pcs	436pcs	872pcs	1308pcs
PPF	300±5%μmol/s	600±5%μmol/s	1240±5%μmol/s	1650±5% μmol/s
PPFD at 30CM	889μmol/m²/s	1033μmol/m²/s	1953μmol/m²/s	2930μmol/m²/s
Luminous Efficacy	2.7μmol/J	2.7μmol/J	2.7μmol/J	2.7μmol/J
Work Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Voltage	100-277VAC	100-277VAC	100-277VAC	100-277VAC
Driver	Meanwell	Meanwell	Meanwell	Meanwell
Life time	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Warranty	3 years	3 years	3 years	3 years
PF	> 0.97	> 0.97	> 0.97	> 0.97
IP	IP65	IP65	IP65	IP65
Function	Seed Starting,bloom,Veg,Agricultural Greenhouse horticulture Plants			

Details



Mean Well Driver



LM301B



Adjust brightness



US, UK, AU or
EU plug wire

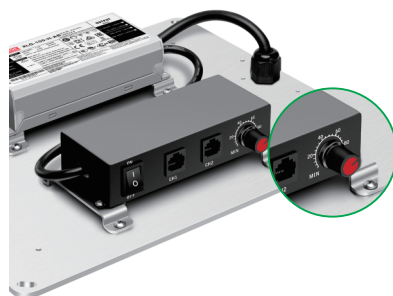


Double insulated
connection

Dimmable

0-10V Dimmable Knob

Dimming Flexible Saves Time & Effort



Illumination & height












Light On/Off Suggestions:

Seeding: 20 hours/4 hours or 18 hours/6 hours

Vegetative: 20 hours/4 hours or 18 hours/6 hours

Flowering: 12 hours/ 12 hours

Here below is the recommendation for adjusting the height between led grow light and the plants growing stage

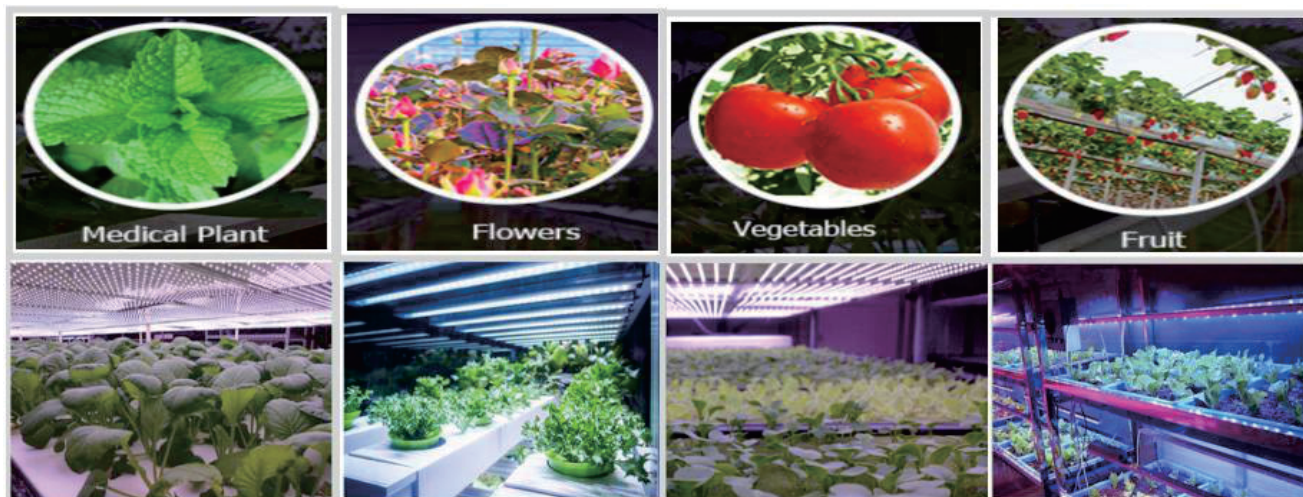
Seeding Height 150-160CM	Vegetation Height 120-140CM	Flowering--Harvest Height 150-170CM
		
		
		
		

Application

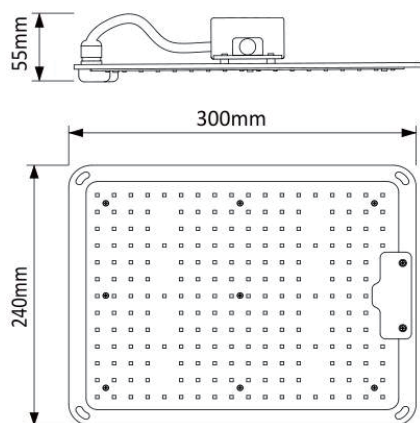
>Replace HPS/HID Grow Light

>Greenhouse/Plant Factory/Horticulture Lighting/Hydroponic cultivation

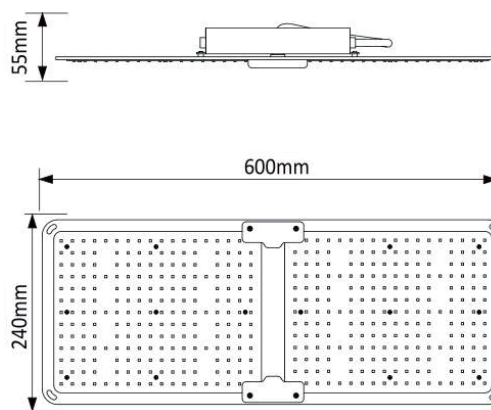
>Indoor Planting growth/Farming plants research/Medical Plants



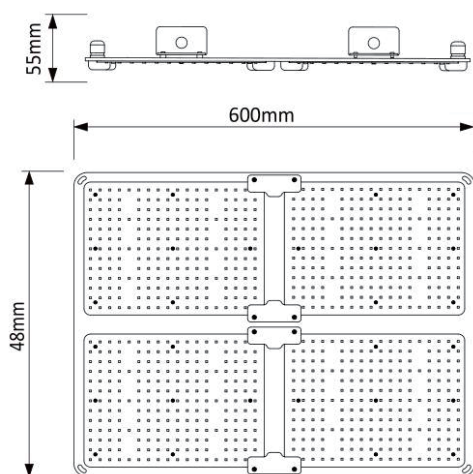
Dimensions



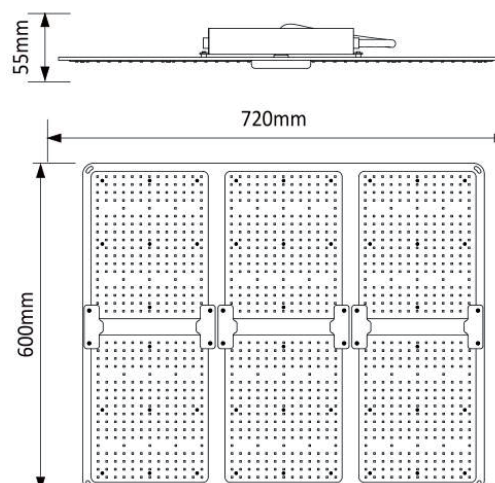
BL-1000



BL-2000



BL-4000



BL-6000

Package

Item	Qty/CTN	CTN Size-CM	Gross Weight
BL-1000	5pcs	54*39*32	13kg
BL-2000	3pcs	69*33*32	13kg
BL-4000	2pcs	68*56*25	17kg
BL-6000	2pcs	75*68*25	23kg

BelTri Inc.

Add: Building 2, Fubang xueyuan C, Lane 56, 1956, Xueyuan South Rd, Xialin Street, Chengxiang District, Putian city, Fujian Province, CN

Web: www.beltri.cn

E-mail: shawn@beltri.cn;