Company Introduction :

Shenzhen Fullux lighting Technology Co,.Ltd is a leading company specializes in Led lights since foundation in 2014 , as market changes , turn to specializes in LED grow lights since 2017 for different plants such as cucumber,tomatoes , cannabis etc,apply to different places such as tents,containers ,farms ,gained recognition from users .

"Higher Intensity, Better Coverage, More advanced features and Easier to operate ,Cost-effective " is our design and manufacturing philosophy .

We customized our light spectrum to optimize plant growth and increase yields while consuming less energy and reducing operating costs compared with traditional HID,HPS lights, largely directly replace HID, HPS lights !

We also provide relevant light solution service such new farm building , farm upgrading ,products customize, OEM &ODM is welcome !
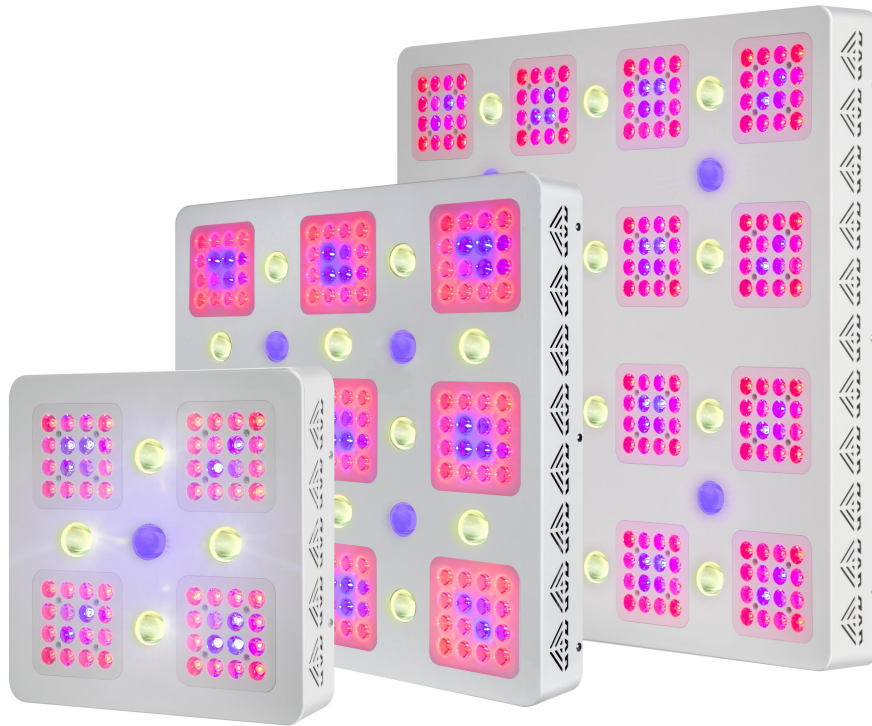

Website:www.fullux-led.com   Email:sophiezhang@fullux-led.com

Contact :Sophie /Wechat&mobile +86 13798325350

XML150   Diamond LED GROW LIGHT

XML350   Diamond LED GROW LIGHT

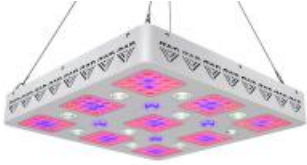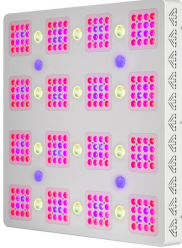**XML650   Diamond LED GROW LIGHT**

Product Features: :

For Indoor Plants, Vegetables & Flowers

- Performs extremely well in cloning, vegetative and flowering cycle

- USA Made CREE XHP50 and Bridgelux   3W leds and UVA UVB leds.

- 18W CREE CXA1816 COB LED

- Use for all stages of plant growth,   have outstanding performance on flowering by adding UVA UVB wavelength .

- Full spectrum 14+ wavelengths of color output: 760nm, 740nm, 720nm, 660nm, 630nm, 615nm-480nm, 460nm, 440nm, 405nm,395nm, 380nm

- Precision 90 Degree XML Collimator Lens for Optimal Coverage

- Advanced LED Drivers for Higher Performance

- Color Select Dimmable Switches with Clone, Vegetable and Flower Modes

- Eliminates A/C in most grow spaces due to very low heat output

- Dual Heat Sink Reduces Heat by over 50% vs Others

- Honeycomb Fan Cover with Dust Filter

- Custom Designed Diamond Vents for optimal Air Flow

- Daisy Chain Link Feature Allows up to four Lights on one Cord

- Environmentally friendly (No Mercury)

- Six foot Power Cord in 110v US with 220v and International Plugs Available.
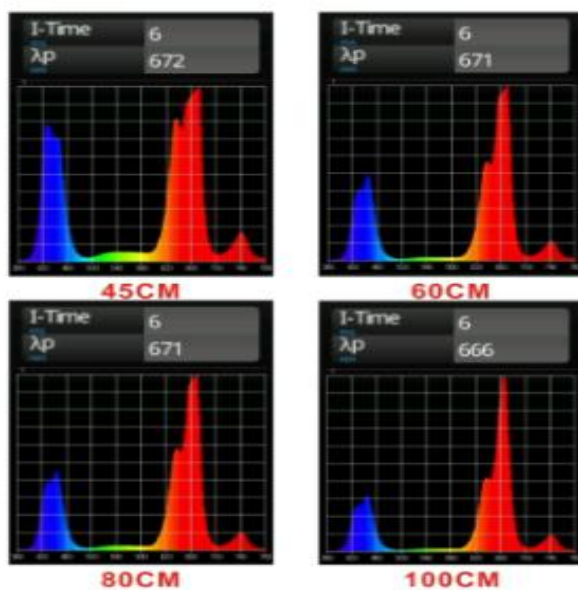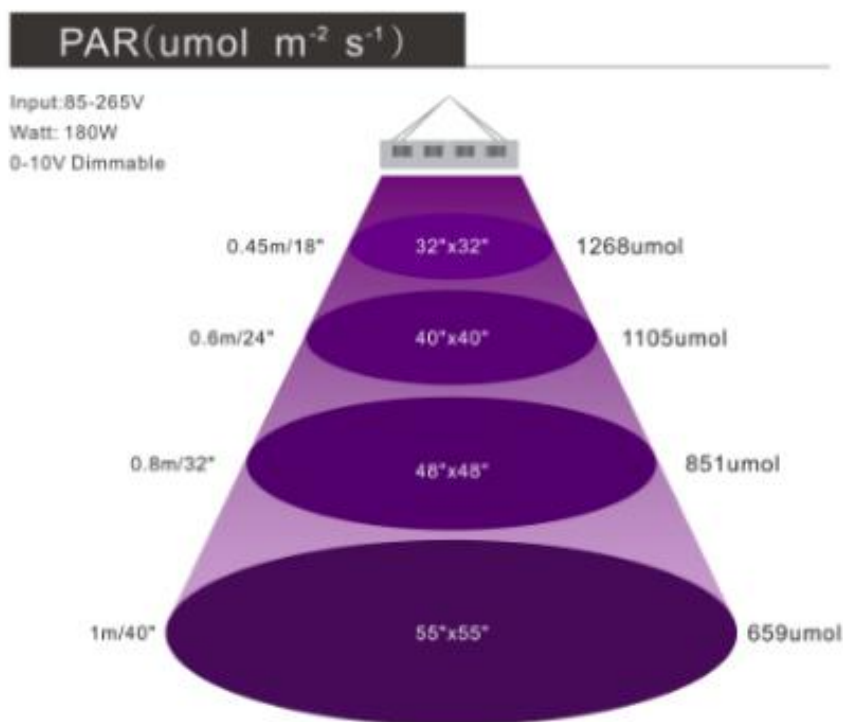
Basic Parameters

Photo			
Model No.	**XML150**	**XML350**	**XML650**
Power (W)	**175W**	**350W**	**600W**
Dimension (mm)	L330*W330*H76MM	L495*W495*H76MM	L650*W650*H76MM
Input voltage	AC100-277V	AC100-277V	AC100-277V
Light source	CXA1816 +3W LED	CXA1816 +3W LED	CXA1816 +3W LED
LED Q'ty	4+80	8+184	16+304
Wavelength	395-740nm	395-740nm	395-740nm
Dimming	hander dimmer / remote control	hander dimmer / remote control	hander dimmer / remote control
PF Factor	>0.95	>0.95	>0.95
PPFD @18''=45cm	**1268umol/s**	**1395umol/s**	**1585umol/s**
PPFD @24''=45cm	**1105umol/s**	**1156umol/s**	**1412umol/s**
PPFD @40''=100cm	**659umol/s**	**930umol/s**	**1214umol/s**
G.W (kg)	5.5 kg	11.5 kg	18 kg
Packing Size (cm)	44x40x15cm (1pc/ctn)	60x51x15cm (1pc/ctn)	75x71x15cm (1pc/ctn)
IP Grade	IP56	IP56	IP56
Warranty	**3 years**	**3 years**	**3 years**

Coverage&PPFD&Spectrum

Precision 90 Degree optical lens used ,provide wide coverage meanwhile improve the PPFD
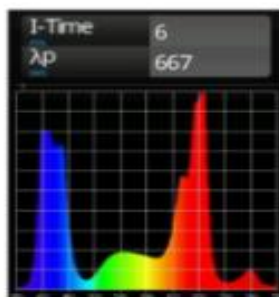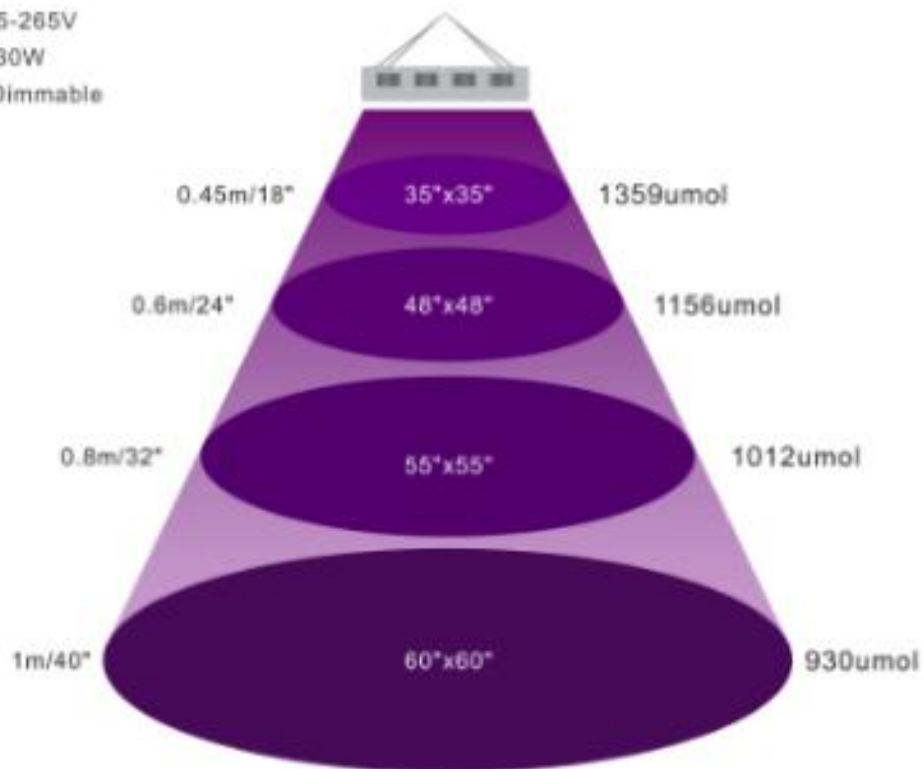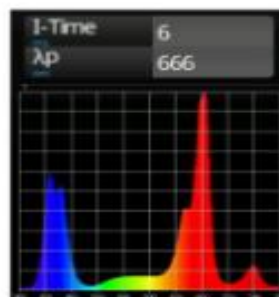
XML150:

XML350:

PAR(umol m⁻² s⁻¹)

Input:85-265V
Watt: 330W
0-10V Dimmable

0.45m/18"	35"x35"	1359umol
0.6m/24"	48"x48"	1156umol
0.8m/32"	55"x55"	1012umol
1m/40"	60"x60"	930umol

| I-Time | 6 |
| λp | 667 |

45CM

| I-Time | 6 |
| λp | 666 |

60CM

| I-Time | 6 |
| λp | 666 |

80CM

| I-Time | 6 |
| λp | 663 |

100CM

XML650:

PAR(umol m⁻² s⁻¹)

Input: 85-265V
Watt: 650W
0-10V Dimmable

Distance	Coverage	PAR
0.45m/18"	40"x40"	1585umol
0.6m/24"	48"x48"	1412umol
0.8m/32"	55"x55"	1289umol
1m/40"	63"x63"	1214umol

45CM — I-Time 6, λp 675

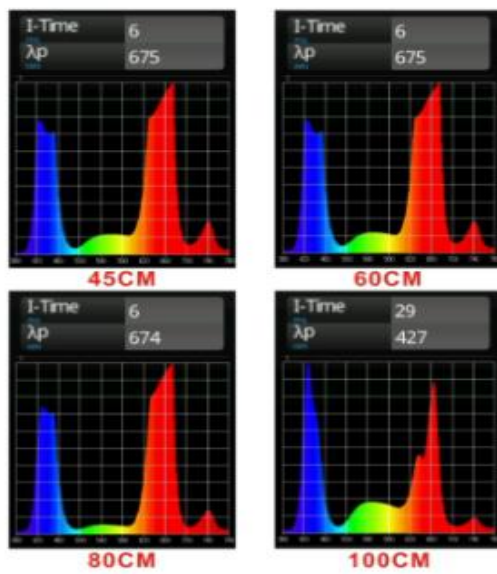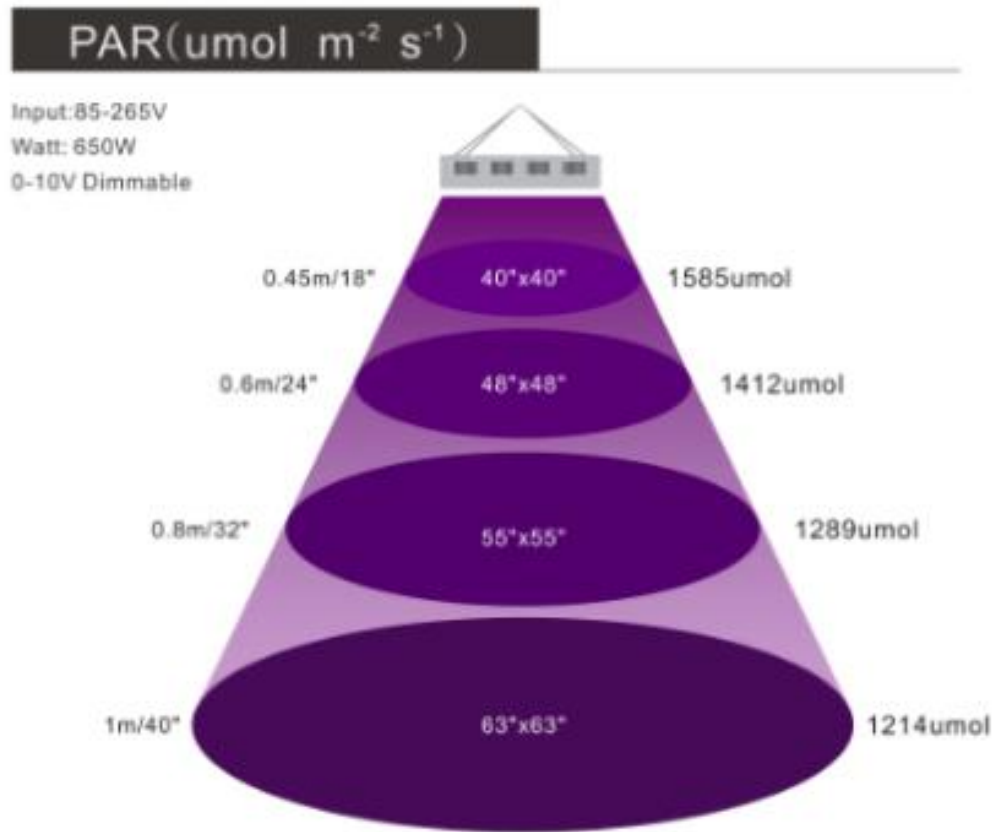60CM — I-Time 6, λp 675

80CM — I-Time 6, λp 674

100CM — I-Time 29, λp 427
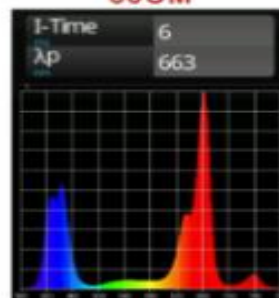
Packaging &Delivery :

Lead time:

Sample 1 pc : 1-3 working days ;2-20 pcs : 3-7 working days

21-100 pcs : 10 working days ;>100pcs , to be confirmed

Application :

- Greenhouse Lighting, Indoor Farm Lighting, Grow Room Lighting, Horticulture Lighting, Grow Tent Lighting
- Medical plants, Vegetable, Flowers, Crops, Fruits, Herbs, Leafy greens, pot culture,
- Clone, seedlings, vegetative stage, blooming, harvest
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