

LED Horticulture Grow Light (IMGL04)

TYPE: _____

The full spectrum LED grow light gives plants everything from seedlings, vegetative, flowering to fruiting. Excellent heat dissipation and waterproof IP65, ultra-narrow or foldable lamp body design, help itself perfectly meets the planting requirements.

Up to 30% more energy saving than traditional HID and HPS.

SPECIFICATIONS

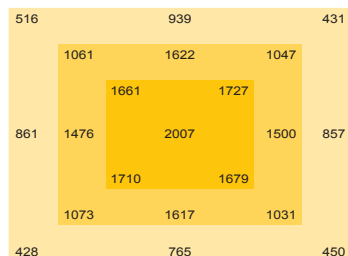
LED grow light series:	IMGL04A/IMGL04B		
Wattage:	640W	750W	960W
PPF@277V:	1824μmol/s	2138μmol/s	2736μmol/s
PPE@277V:	2.85μmol/J		
AC Input Voltage:	120-277V/200-277V/347-480V		
Operating Frequency:	50-60Hz		
Power Factor:	>0.9		
LED Brand:	LUMILEDS&OSRAM		
LED Driver:	Sosen & Inventronics		
Heat sink:	Aluminum 6063		
Dimming:	0-10V		
Light Distribution (Beam Angle):	120 degree		
IP rating:	IP65		
Ambient Temperature Range:	-4-104°F(-20-40°C)		
Warranty:	5 years standard Limited		
Dimensions:	45.3in x 43.5in x 3in		

MAX INPUT AMPERAGE BY VOLTAGE SERVICE

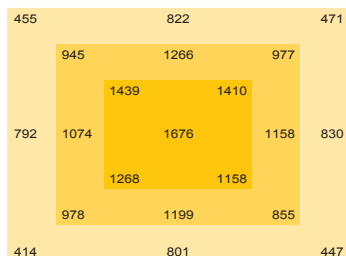
Voltage	120V	230V	277V	347V	480V
Amperage 640W	5.8A	2.9A	2.4A	/	/
Amperage 750W	/	3.4A	2.8A	2.2A	1.7A
Amperage 930W	/	/	/	2.7A	2.0A
Amperage 960W	/	4.3A	3.6A	/	/

PPFD VALUE OF DIFFERENT HEIGHT

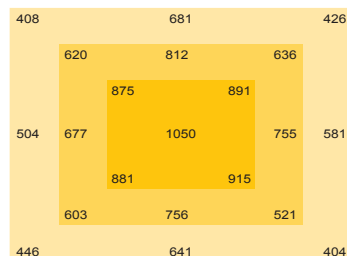
IMGL04960W 2.85μmol/J 6"/150mm Height



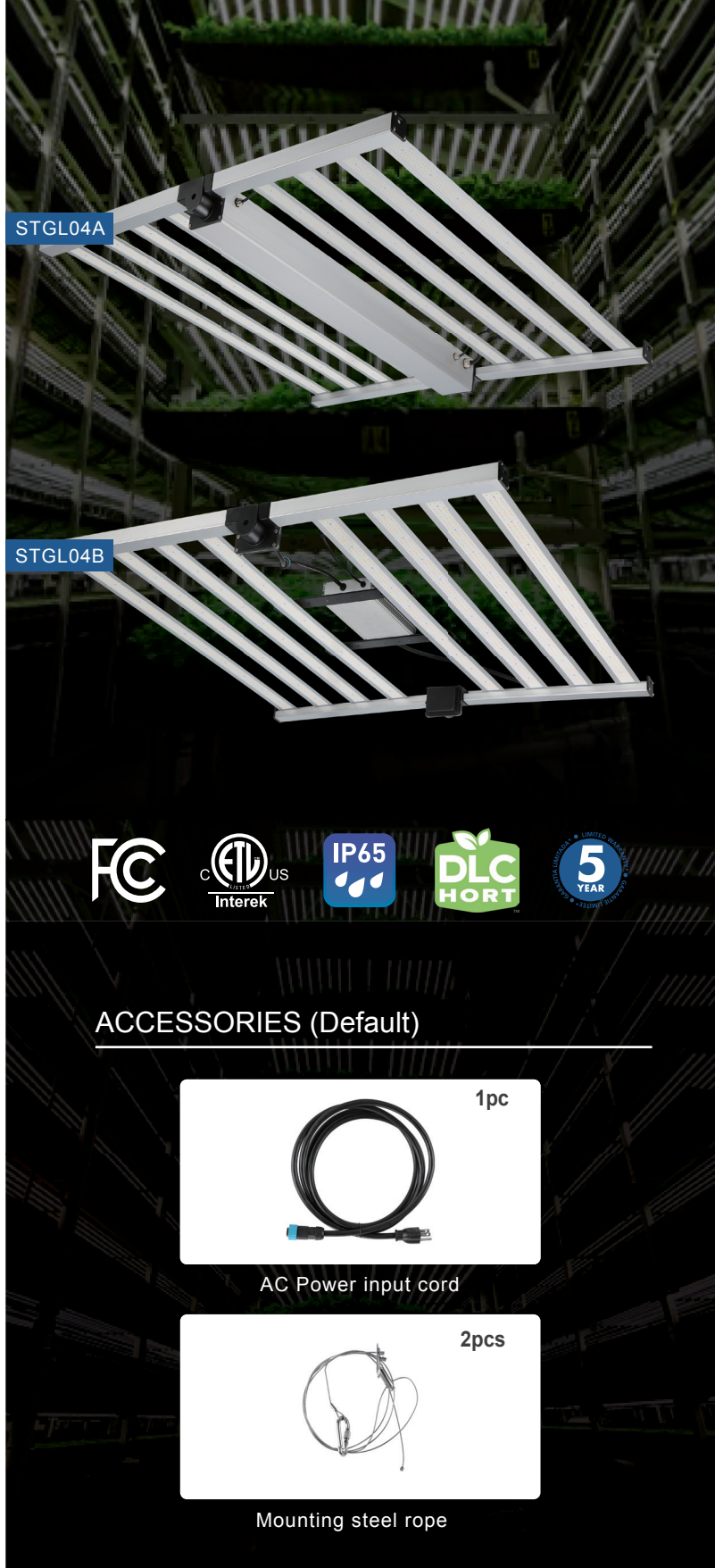
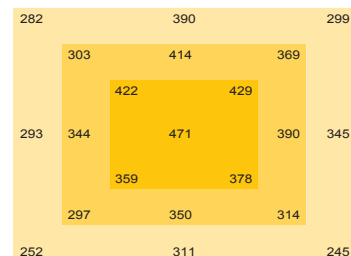
IMGL04960W 2.85μmol/J 12"/300mm Height



IMGL04960W 2.85μmol/J 24"/600mm Height



IMGL04960W 2.85μmol/J 48"/1200mm Height

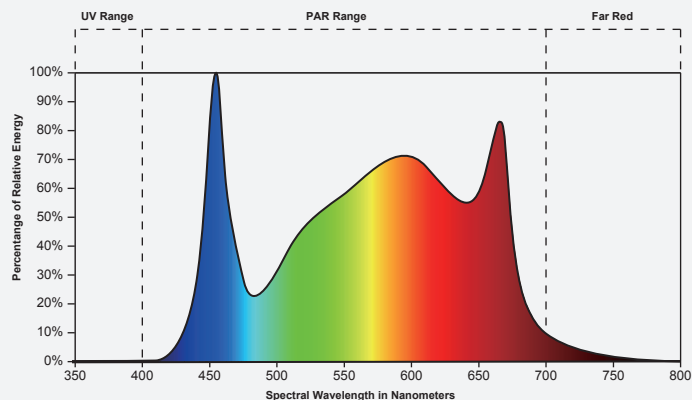


SPECTRUM

Measurements Of Normalized Photosynthetic Photon Flux.

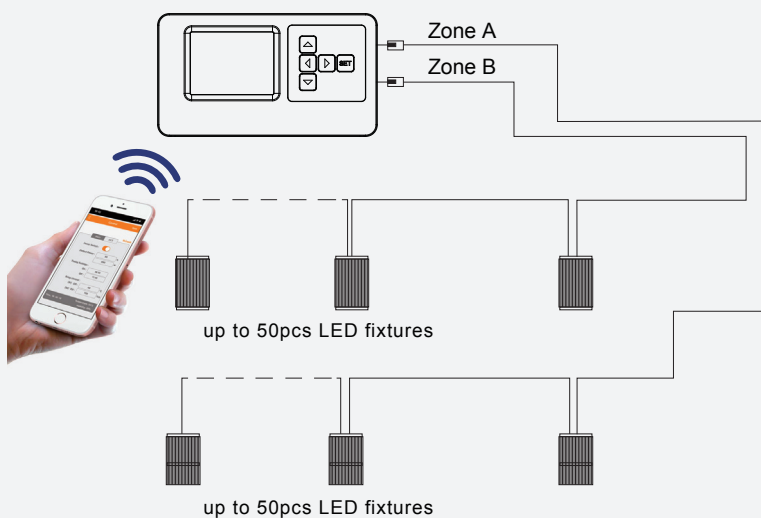
Our specially deployed full spectrum fills the negligence of the main photoreceptors and pigments outside the 660nm and 450nm range, and it is suitable for reproduction to aging in indoor environments.

Remark: The spectra could be customized for bulk order.



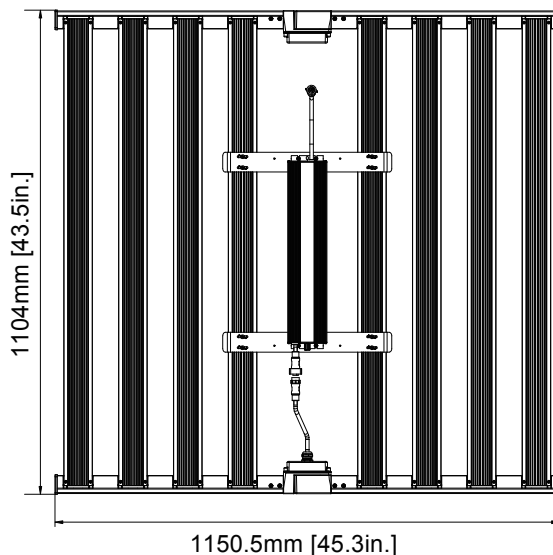
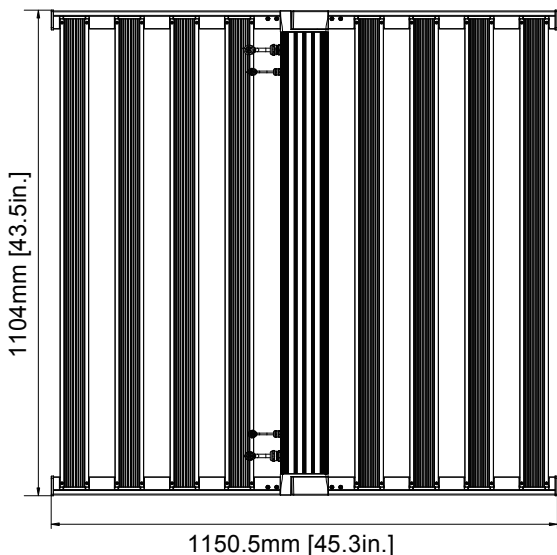
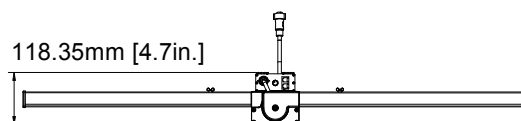
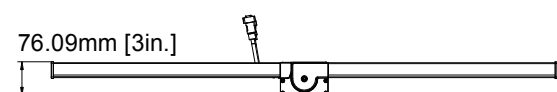
CENTRALIZED CONTROL

1. Fixtures can be controlled centrally by our smart controller.
2. This switch and timing method optimizes the complex installation process and greatly improves safety, for example: it can automatically dim or even shut down completely at high temperatures.



DIMENSIONS

Unit: mm[in.]



IMGL04A

IMGL04B

ORDERING INFORMATION

EXAMPLE PART#: IMGL04A640W27V3SGDA

	MGL04A	640W	27V	3	SG	D	A
IUS	FIXTURE TYPE	WATTAGE	INPUT VOLTAGE	LED LIGHT ENGINE	FINISH	DIMMABLE	SPECTRA
I	MGL04A	640W	27V 120-277V	3 LED3030	SG Silver Gray	D 0-10V Dimmable	A Full spectrum A
	MGL04B	750W	48V 347-480V			Blank No Dimmable	
	Grow lights 04 series	960W					

Note: 1. IMGL04A series are limited to 120-277V input only, IMGL04B 640W is limited to 120-277V input only.
2. The Watt is 960W when the voltage is 120-277V, while when it's 347-480V, the watt is 930W.
3. While the wattage is 960W, the input voltage is 200-277V or 347-480V.

ACCESSORIES (Optional)				
AC120V Power input cord (N5-15P)	AC277V Power input cord (L7-15P)	AC347V Power input cord (L24-20P)	AC480V Power input cord (L8-20P)	Smart controller EC2820
AC input extension cord (LLT-M19 connector)	DIM dimming extension cord (LLT-M12 connector)	RJ14 Crystal Head and LLT-M12 waterproof connector	RJ14 Crystal lead	Cascading dimmer
				Lift rope