

LED GROW LIGHT

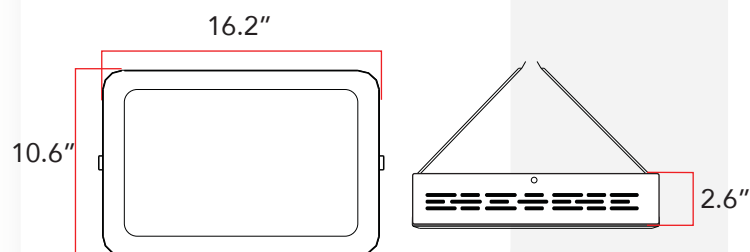
Traditional High Bay Grow Luminaire (B Series)



This LED GROW LIGHT takes horticulture and agriculture to new levels, delivery maximum photosynthetic efficiency for healthy plant growth and vivid color saturation.



DIMENSIONS



Note: DIMS are for 240W/400W

CERTIFICATIONS



FEATURES

- On/Off devices to make control much easier
- Step dimming for different period of growth
- Adjustable power consumption and lumination area
- Full spectrum for different period growth
- High power branded Epileds with high Par Value
- Includes special spectrum like IR (infrared) to increase the yield
- Passive heat sink and integrated driver
- Energy saving and environmentally friendly
- Much more convenient repair and replacement in the future
- Top quality fans (noise-free)
- Rated IP40

COMMON TECHNICAL DATA

Light Spectrum	Full Spectrum
E fficiency	More than 50 LPW
Input Voltage	AC 100-277V
Frequency	50-60Hz
Power Factor	More than 0.99
Rated Life	50,000 hours
LED T type	E pileds
Housing	Alum inum

WARRANTY

This product has a warranty for a period of 5 years from the date of purchase. The warranty is invalid in the case of improper installation, tampering, or removal of the Q.C. date label. Installation in an improper working environment or installation not according to the current edition of the National Electric Code also invalidates the warranty. Should this product fail during the warranty period, it will be replaced free of charge, subject to correct installation and return of the faulty unit. JL Lighting does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in the country of purchase. JL Lighting reserves the right to alter specifications without prior notice.

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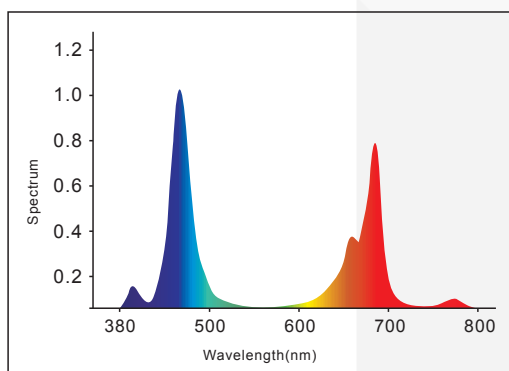
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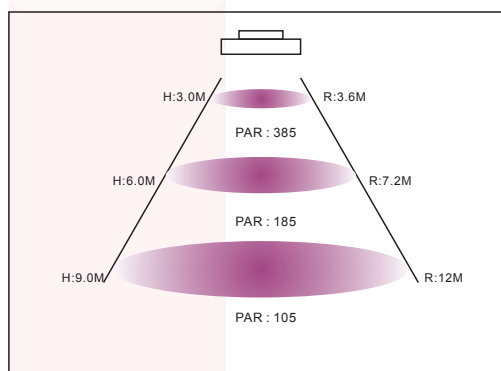
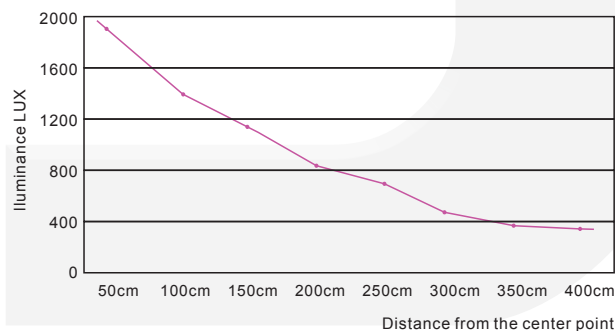
PRODUCT SPECIFICATION

Product Number	HPS/HID Replacement	Power Consumption	Light Spectrum	Dimensions	Lumens	Input Voltage	Height above plants (inch)
GL-B120W BYZ	300W	120W	Full Spectrum	12.2"x8.3"x2.6"	6000	AC100-277V	20"-40"
GL-C240W BYZ	600W	240W	Full Spectrum	16.2"x10.6"x2.6"	12000	AC100-277V	20"-40"
GL-I400W BYZ	1000W	400W	Full Spectrum	16.2"x10.6"x2.6"	18000	AC100-277V	20"-40"

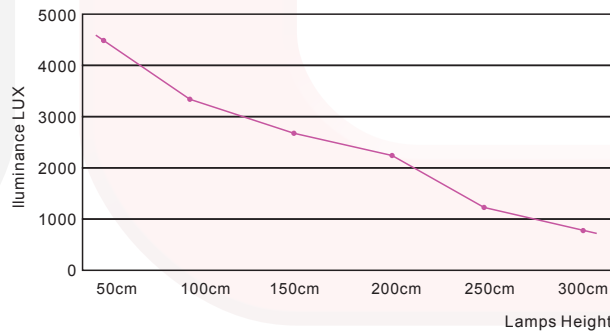
OPTICAL PARAMETERS



Illuminance Distribution



Illuminance Distribution



SPECTRUM



440nm Royal Blue



460nm Blue



525nm Green



625nm Red



660nm Deep Red



730nm Deep Red

CAUTION

- Risk of fire- make sure power is OFF before installation.
- Risk of electric shock- make installation with gloves.
- All wiring needs to be performed per National Electrical Code and local code by a qualified electrician.
- These lamps can be used with a light dimmer.
- High temperatures inside luminaire. Make certain line voltage corresponds with ballast's primary voltage.
- If the lamp or luminaire exhibits undesirable operation (i.e. buzzing, flickering, etc.), immediately turn off power and remove the lamp from luminaire and contact manufacturer.
- Luminaires should not be installed in narrow space to guarantee enough air convection.
- Do not make mass installation before sample testing.