

P55-480W-281B-UV-IR

Kingbrite P55 480W BAR Grow Light with UV+IR

Product Overview

Kingbrite P55 480W BAR Grow Light with UV+IR, Samsung LM281B



Specifications

Overview:

Grow what you love all year round with the Kingbrite P55 480W Quantum Bar Grow Light. This product ensures that your seedlings and plants will receive all the necessary light they require to perform photosynthesis regardless of the season, converting the light they capture into sugars necessary for growth. Ideal for horticulture, indoor gardening, plant propagation and food production, this grow light is perfect for any type of indoor growing of plants and vegetation where natural lighting is not available or consistent.

The Kingbrite P55 480W Quantum Bar Grow Light features eight highly efficient light quantum LED bars that can be rotated for the perfect lighting angle. Each quantum bar consists of 224 Samsung LM281B LEDs as well as 32 Epistar 660nm LEDs, 4 Epistar UV LEDs and 4 Epistar IR LEDs which collectively produce the light that is essential for plant photosynthesis, vegetation growth, and the flowering of plants indoors.

This LED light is also energy-efficient, consuming less electricity and giving off less heat than other lights. This means they're better suited to meet the needs of plants grown indoors, are better for the environment and will help save you money in the long term.

The Kingbrite P55 480W Quantum Bar Grow Light is optimised for growing a variety of plants indoors, ensuring the production of established roots, healthy stems, and increased flower and leaf density. This, in turn, makes leaves grow stronger and flowers become bright and beautiful. Whatever your requirements, this grow light provides the optimal indoor growing environment for your plants to thrive.

Features:

- Beautiful design and structure
- Easy installation and operation
- Efficient thermal design with aluminium heatsinks
- Rotatable quantum bars for more accurate lighting
- More LEDs are used per quantum bar while making sure each LED works at suitable power and temp levels

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Product Specification Sheet

- Dimmable Driver for easy adjustment of brightness for the plant's various growth states
- Full-spectrum LEDs for better results - LM281B 3000K+5000K, 660nm, 730nm, and 395nm LEDs
- Perfect for 4*4ft/5*5ft grow tent/ grow room.
- Widely applied in commercial growing horizontal and vertical, greenhouse cultivation, pipeline cultivation, and hydroponics.

Specifications:

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Specifications

Product Code	P55-480W-281B-UV-IR
Materials	Aluminium + PC
Wattage	480W
Voltage	48V
Colour Rendering Index (Ra)	80
LEDs Brand/Quantity per Bar	Samsung LM281B: 224pcs, Epistar 660nm: 48pcs, Epistar IR 730nm: 4pcs, Epistar UV 395nm: 4pcs
LEDs Quantity Total	(224+48+4+4) x 6 bar =1680pcs
Driver	Inventronics dimmable 480W/1pcs
Dimming	1-100%
Planting Area	4'X4', Maximum coverage area 5x5ft
Application	Indoor Lighting
Efficacy	480W LM281B : 2.47µmol/J @ 220V AC
Light Dimensions	98.3 x 90.2 x 5.4 cm

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/P55-480W-281B-UV-IR-Kingbrite-P55-480W-BAR-Grow-Light-Buy-p-293543.php>

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