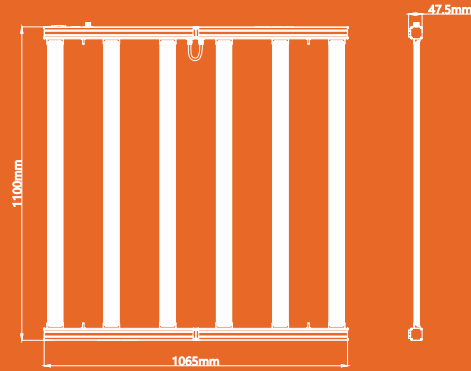


LED FIXTURE SPECIFICATIONS

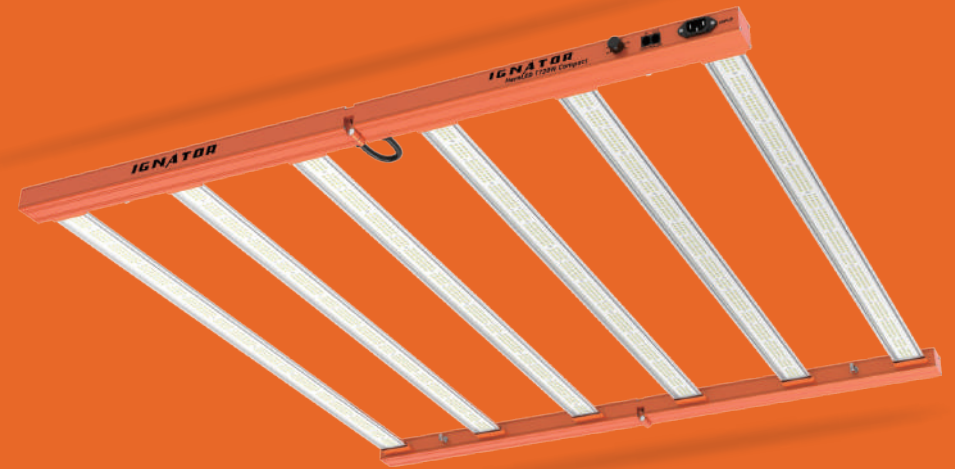
| | |
|------------------------|--------------------------|
| Efficacy (PPE) | 2.8 μmol/J |
| Input Voltage | 200-277V |
| Number for light bars | 6 bar |
| LED Quantity | 2016 pcs |
| Mounting Height | ≥18" (45cm) Above Canopy |
| Thermal Management | Passive |
| Lifetime | 50,000hrs |
| Power Factor | >90% |
| Colour Rendering Index | 90ra |
| Ambient Temperature | -25~40°C |
| Certifications | CE, ROHS |
| Chip | Samsung |

LED FIXTURE DIMENSIONS



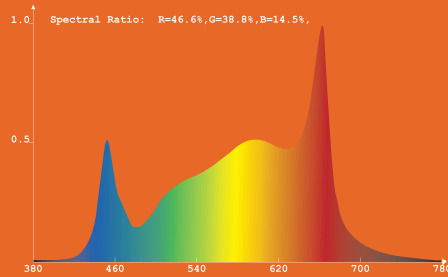
IGNATOR

HeroLED T720W Compact



PAR DISTRIBUTION

| 4x4ft (120x120cm) Coverage Height of 12" / 30CM PAR Distribution | | | | | | 4x4ft (120x120cm) Coverage Height of 24" / 60CM PAR Distribution | | | | | |
|---|------|------|------|------|-----|---|-----|-----|-----|-----|-----|
| 251 | 409 | 463 | 484 | 438 | 263 | 265 | 361 | 420 | 428 | 372 | 273 |
| 527 | 929 | 971 | 985 | 951 | 529 | 385 | 547 | 624 | 625 | 552 | 394 |
| 632 | 1099 | 1163 | 1172 | 1117 | 638 | 458 | 652 | 744 | 745 | 659 | 469 |
| 630 | 1106 | 1178 | 1181 | 1109 | 637 | 456 | 658 | 745 | 744 | 654 | 465 |
| 523 | 918 | 978 | 990 | 930 | 528 | 383 | 537 | 618 | 621 | 549 | 391 |
| 252 | 418 | 439 | 448 | 414 | 251 | 263 | 361 | 401 | 408 | 362 | 265 |



180 DEGREE FOLDABLE DESIGN
Foldable design feature for easy installation



| 4x4ft (120x120cm) Coverage Height of 36" / 90CM PAR Distribution | | | | | | 4x4ft (120x120cm) Coverage Height of 48" / 120CM PAR Distribution | | | | | |
|---|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|
| 235 | 291 | 328 | 325 | 290 | 234 | 196 | 227 | 249 | 249 | 228 | 195 |
| 296 | 376 | 419 | 417 | 375 | 296 | 228 | 269 | 292 | 291 | 268 | 228 |
| 337 | 429 | 478 | 476 | 426 | 334 | 249 | 295 | 321 | 320 | 294 | 247 |
| 337 | 429 | 480 | 476 | 425 | 333 | 249 | 295 | 322 | 321 | 295 | 247 |
| 295 | 374 | 419 | 418 | 373 | 294 | 228 | 269 | 293 | 294 | 270 | 228 |
| 234 | 288 | 316 | 320 | 290 | 231 | 195 | 227 | 243 | 245 | 227 | 193 |

USER MANUAL



1 PRODUCT DESCRIPTION

The LED fixture delivers broad, intense light coverage with its passively cooled LED bars allowing you to use it in low rooms, vertical racks, over benches, or even in tents. The LED series features a perfect blend of both full-spectrum white LED diodes and red LED diodes. This results in the perfect spectrum for all phases of growth. This LED fixture is for indoor use only (climate-controlled indoor farms and grow rooms). But it is not meant for use in dwellings for general or architectural purpose illumination. The spectrum output for this LED fixture is specially designed and manufactured for horticulture use only. Any use other is considered unintended use.



2 SAFETY RECOMMENDATIONS

Please carefully read recommendations and warnings before installing and using the LED fixture!

The installation and use of the LED fixture is the responsibility of the end user. Incorrect use or installation can lead to failure and damage to the LED fixture.

The warranty shall become void if the product and/or electronic components are damaged due to incorrect installation.

⚠ WARNING

Always adhere to the local building and electrical codes (local rules and regulations) when installing or using the LED fixture.

Do not open or disassemble the LED fixture as it contains no serviceable parts inside. Opening and/or modifying the LED fixture can be dangerous and will void the warranty. Connect the system only to the power sources of the appropriate voltage using the plug received with the fixture.

Always switch off the main voltage before commencing installation or maintenance work. Let the fixture cool down for at least 20-30 minutes before proceeding, as it gets hot while operating, especially the heatsink and LEDs.

Never look directly into the light source while fixture is turned on. Doing so can cause damage to the eyes. Special glasses are recommended while being in the grow facility with the grow light fixture turned on.

Do not use the product when either the fixture or its power cable are damaged. Modifications to the cables can lead to unwanted electromagnetic effects which may damage the product.

Do not defeat the safety purpose of a grounding or polarized plug by removing ground pins or using unsafe adapters. You may replace the power cable with correctly rated cable only.

Protect power cables from being pinched, walked on, or otherwise damaged. Be especially careful where the power cable enters the power outlet and the unit.

Always disconnect the LED fixture from mains before performing any maintenance.

Do not use the LED fixture near flammable, explosive or reactive substances. Do not use sulfur vaporizers or water misters.

3 PACKAGE INCLUDES



LED Horticultural Fixture



External RJ14 Network cable



Input Power Cable



4*stainless steel hanger

4 PRODUCT INSTALLATION

Preparation for installation

Refer to your light plan. Arrange the place for the fixture to be mounted. Prepare appropriate "hangers" or any other tools to hang the fixture.

Take caution when handling light bars. Ensure the LED array does not come in contact with sharp objects or force that may damage the diodes. Unbox and unfold the fixture, then place it on flat, stable surface.

Bring any additional tools and/or hardware that may be required to mount the fixture. Switch off the main voltage.

Fixture installation

A. Open the luminaire completely. Once opened, immediately hang up the luminaire. Do not touch or support the led chips located at the bottom luminaire.

B. Connect power cable.

The product is equipped with a power cord. Firstly connect the fixture with a power cable. Only then plug the power cable into the electrical socket, and you are ready to go.



Connecting LED fixtures to external 0-10V controller (not included)

Connect controller (output) using RJ14 cable to fixture connector. Using the second RJ14 cable, connect the current fixture to the next one. This way, you can connect up to 80 LED fixtures on one chain. Most of the controllers can support at least 2 chains. The dimming knob on all LED fixtures has to be adjusted to "E.X.T" (external control).

5 MAINTENANCE

In the event that the product is defective or damaged, contact the reseller from whom you purchased the fixture.

⚠ WARNING

Do not clean the LED fixture with detergents, abrasives, and/or any other aggressive substances, such as solvents, acetone, alcohol, alkaline cleaners, windows cleaners, and similar.

Regularly check the power cables of the fixture to ensure it is undamaged and safe to use.

Check the product regularly for the build-up of dust and dirt. Clean the product if necessary.

To limit degradation, avoid touching the diodes with your hands, even in a powered-off state.

⚠ CAUTION

Always switch off the main voltage before commencing installation and/or maintenance work.

High voltage: risk of fire & risk of shock.

Do not connect or disconnect the LED fixture under load.

Don't touch. Fixture reaches high temps while in use. Always wait 20 - 30 minutes for the fixture to cool down.

Never open or disassemble the product. It will void the warranty and will break the water-tight seal.

The fixture and power supply are UL 8800 rated but are not designed to be submerged in water.

Cleaning Instructions:

When cleaning, make sure you have unplugged the LED fixture and allow it to cool to room temperature. Do not open the retaining clips when cleaning. The LED fixture can be cleaned with a feather duster or a soft damp cloth. You should plug in the lighting fixture after it has been completely dried.