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













## HortiPower City Farming Linear 40W 1000mm HP-TC-LINEAR-40W-1000

HortiPower city farming is a cost effective direct view linear LED lighting fixture designed for growing vegetables and plants indoor.

Lighting properties such as intensity is adjustable to meet the plant need at every growth stage. The special optical design and glass cover supports an uniform lighting distribution on the shelf centre and edges. HortiPower is the most advanced full-spectrum and flexible spectrum fixture with custom engineered LEDs designed to support faster, better and healthier growth.

Compared to traditional lighting it can save up to 50% energy costs as well as reduce maintenance cost.

### PRODUCT FEATURES

|   |   |  |  |  |   |   |  |
|---|---|--|--|--|---|---|--|
| <br>Beam Angle<br>120°C        | <br>Flame Resistant    | <br>IP Protection                         | <br>CRI<br>80<br>Real color | <br>UGR<br><19<br>Low glare             | <br>IK08 Protection        | <br>Dimmable     | <br>Full and Flexible Spectrum |
| <br>IP44<br>Indoor application | <br>3 year<br>Warranty | <br>-20° to 40°C<br>Operating Temperature | <br>≤ 95%<br>Humidity       | <br>up to 50,000 hours<br>Long Lifetime | <br>IES<br>Lighting design | <br>Flicker free | <br>City farming               |

- Designed for City Farming applications
- Uniform and wide angle light distribution for consistent and efficient lighting across the shelf
- Ultra low dimming without any flickering
- High precision control on light intensity and spectrum
- Special combination of LEDs to support germination and growth
- Designed for indoor environments and staff comfort
- Plug and Play installation
- Up to 50% energy savings compared to traditional lighting

### SPECIFICATION

|              |  |
|--------------|--|
| LED          | High intensity custom-engineered SMD LEDs R + GBW + FR |
| Spectrum     | Full spectrum and Flexible spectrum (400-780nm)        |
| Light output | 0-80 umol/s, up to 480 umol/s with 6 pieces together   |
| Beam Angle   | 120°   |
| Light Effect | Uniform  |
| Length       | 1000mm   |

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HortiPower

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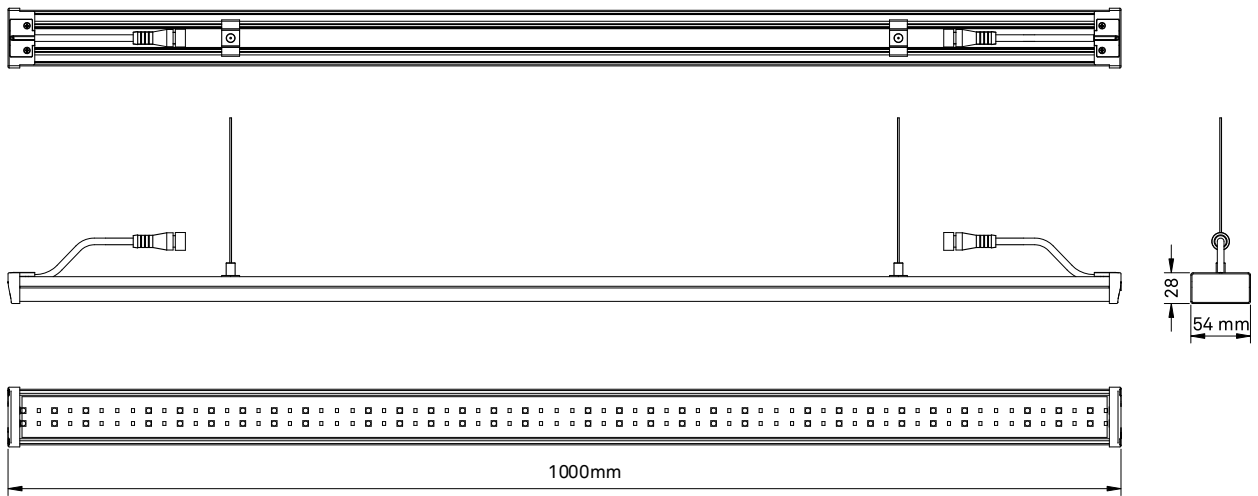
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|                       |  |
|-----------------------|--|
| Maximum Length        | Extendable up to 5 meter                                       |
| Luminous flux         | Specific to the project (1200-2400lm)                          |
| Power Consumption     | 40W/meter or specific to the project                           |
| PPF efficiency        | Specific to the application (1.7-2.0 umol/j)                   |
| Lumen maintenance     | L70 @ 50.000 @ 25° C   |
| Dimming options       | DMX/RDM (0-100%), 0-10V (10-100%) via HortiPower Driver Series |
| Approbation           | Comply with CE/ CCC/ ETL                                       |
| Housing               | Aluminium, Glass   |
| Accessories           | Stainless steel mounting bracket                               |
| Installation          | Surface- or suspended mounting                                 |
| Weight                | .. Kgs/m   |
| Warranty              | 3 years  |
| CCT                   | Specific to the project (maximum 6200K)                        |
| CRI                   | Specific to the project (CRI White 80+)                        |
| Operating Voltage     | 24 VDC   |
| Operating temperature | -20° C to 40° C  |
| Storage temperature   | -30° C to 50° C  |
| IK rating             | IK08   |
| IP rating             | IP44   |

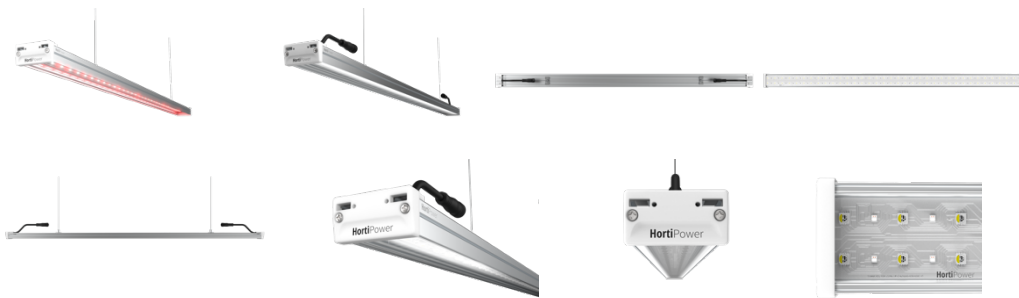
## RELATED PRODUCTS

|                    |  |
|--------------------|--|
| HP-610-DR          | HortiPower LED driver, DC 24V, 6 Channels, DMX/RDM |
| HP-TC-6            | HortiPower Touch Controller, 6 Channels            |
| HP-TC-48           | HortiPower Touch Controller, 48 Channels           |
| HP-PSU-LPV-20-024  | Power Supply Unit, 20W AC/DC LED driver, 24V       |
| HP-PSU-LPV-150-024 | Power Supply Unit, 150W AC/DC LED driver, 24V      |
| HP-PSU-LPV-240-024 | Power Supply Unit, 240W AC/DC LED driver, 24V      |
| HP-PG200N          | HortiPower spectrum meter                          |




## DIMENSIONS

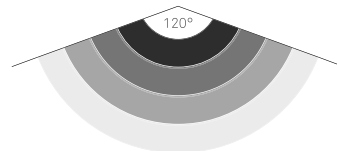


## VISUALS



## AVAILABLE

-  Power supplies
-  Cables
-  Connectors



120° VIEWING ANGLE

## INSTALLATION ACCESSORIES

Stainless steel bracket

Warranty policy and Terms and conditions for sale of products and services apply.

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