

Photometric

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

120°C			CRI 80	UGR <19		IK08 Protection		
Indoor application	3 year	-20° to 40°C	≤ 95%	up to 50.000 hours	IES			

- 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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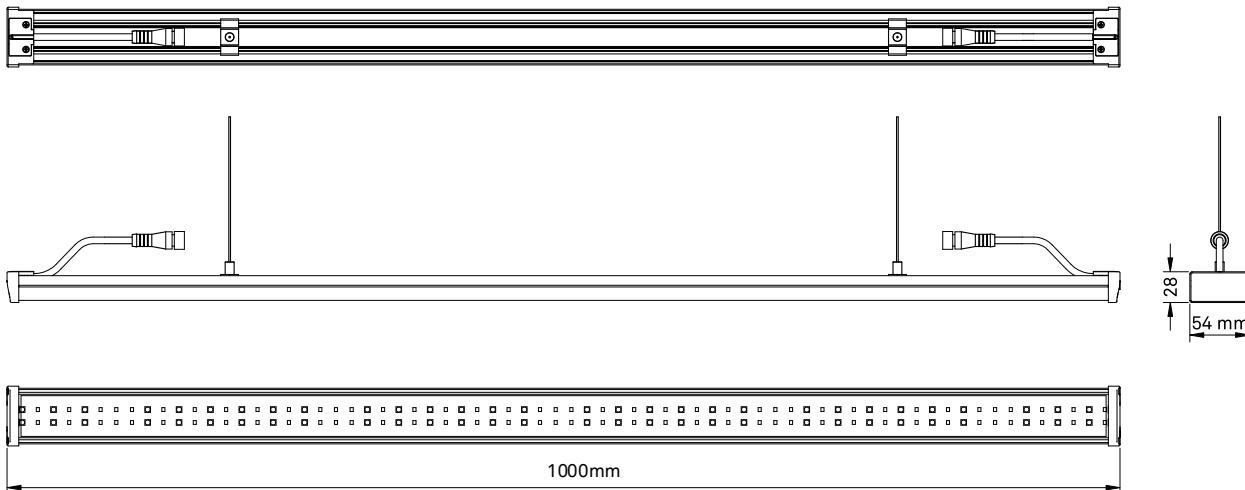
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Maximum Length	Extendable up to 5 meter
Luminous flux	Specific to the project (1200-2400lm)
Power Consumption	40W/meter or specific to the project
PPF efficiency	Specific to the application (1.7-2.0 umol/j)
Lumen maintenance	L70 @ 50.000 @ 25° C
Dimming 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	1.4 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

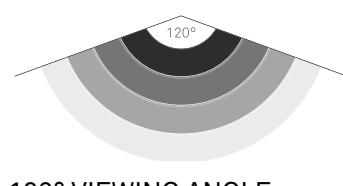


VISUALS



AVAILABLE

-  Power supplies
-  Cables
-  Connectors



INSTALLATION ACCESSORIES

Stainless steel bracket

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

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