



GROWER'S CHOICE
It's the RIGHT Choice



PFS SERIES

Horti Tech PFS grow lights ultra-low profile at only 1.5 inches thin, are especially created for dense vertical commercial farming where every inch of your indoor cultivation matters. Stack layers from floor to ceiling of leafy greens, micro-greens, and culinary herbs with maximum efficiency at near-ZERO radiant heat with outputs as high as 2.5 $\mu\text{mol}/\text{J}$. The PFS is ideal for propagation of medicinal, vegetable and ornamental crops, including cloning and seedling beds, implementing the most pertinent photosynthetic photon flux density for well stacked and dense vegetative growth.

COMMERCIAL VERTICAL FARMING

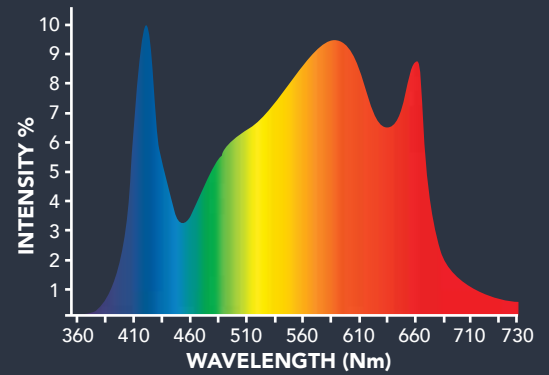
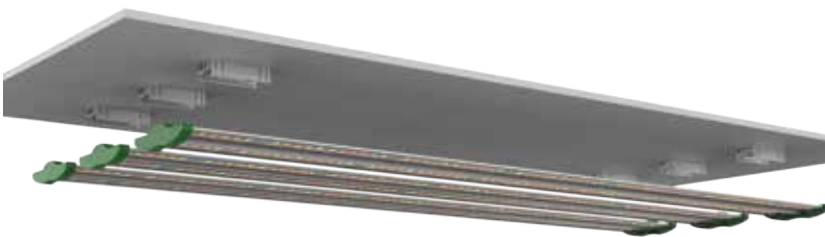


SPECIFICATIONS

Light Source	LED
Spectrum	GC-3K Full Phase
PPF	100 $\mu\text{mol/s}$
Input Power	40W
Efficacy	2.5 $\mu\text{mol/s}$
Fixture Dimension Weight	47.2x5.1x1.5 inch 2.2lbs 1199x130x38 mm 1.0kg
Mounting Height	$\geq 6"$ (15.2cm) Above Canopy
Thermal Management	Passive
Light Distribution	120°
Lifetime	L90: >54,000 hrs
Power Factor	>90%
Certifications	IP65, ETL, CE
Warranty	3 Years Standard Warranty

MAX AMPERAGE BY VOLTAGE SERVICE

VOLTAGE	120V	208V	240V	277V
AMPERAGE	0.345A	0.197A	0.173A	0.154A



Features:

Balanced spectrum, Incorporating Grower's Choice famous 3K CMH Full Phase Spectrum for superior growing power with best possible LED diodes available.

High Performance:

100 $\mu\text{mol/s}$
Total Output

2.5 $\mu\text{mol/J}$
System Efficacy

Energy Saving and Easy HVAC :



Up to 60% energy saving



60% less HVAC requirement

PPF Calculations:

PPF calculations complied using our in-house integrating sphere measurements and typical spectroradiometric data for each LED to determine the fixture performance. Actual photometric results may vary within the LED's manufacturer's bin tolerance.

Wattage Values

Wattage values are typical expected values. TSL Horti Tech maintains a tolerance of +/- 10% range on flux and power consumption. Target light level can vary from projected levels depending on ambient temperature, room reflections values, and other conditions.