Application Note

ULF63000 SP Series Horti-Frame Configuration Guide

Introduction

The ULF63000 SP Series Horti-Frame was specifically designed for use in horticulture lighting. The spectral response of the primary Blue and Red can be customized to specific applications. It constructed in a 2ft x 2ft frame which is easily configured into 2ft by 4ft growing foot-print. PPFD requirements can be customized. Typical operating voltage is 48V DC.
The ULF63000 SP Series utilizes an open-frame concept for good thermal performance, minimum photometric losses, as well as being highly economical to own.

Configuration 1

2ft by 4ft configuration.

2pcs ULF63000 SP Series Horti-Frame allocate side by side from each others before installation.

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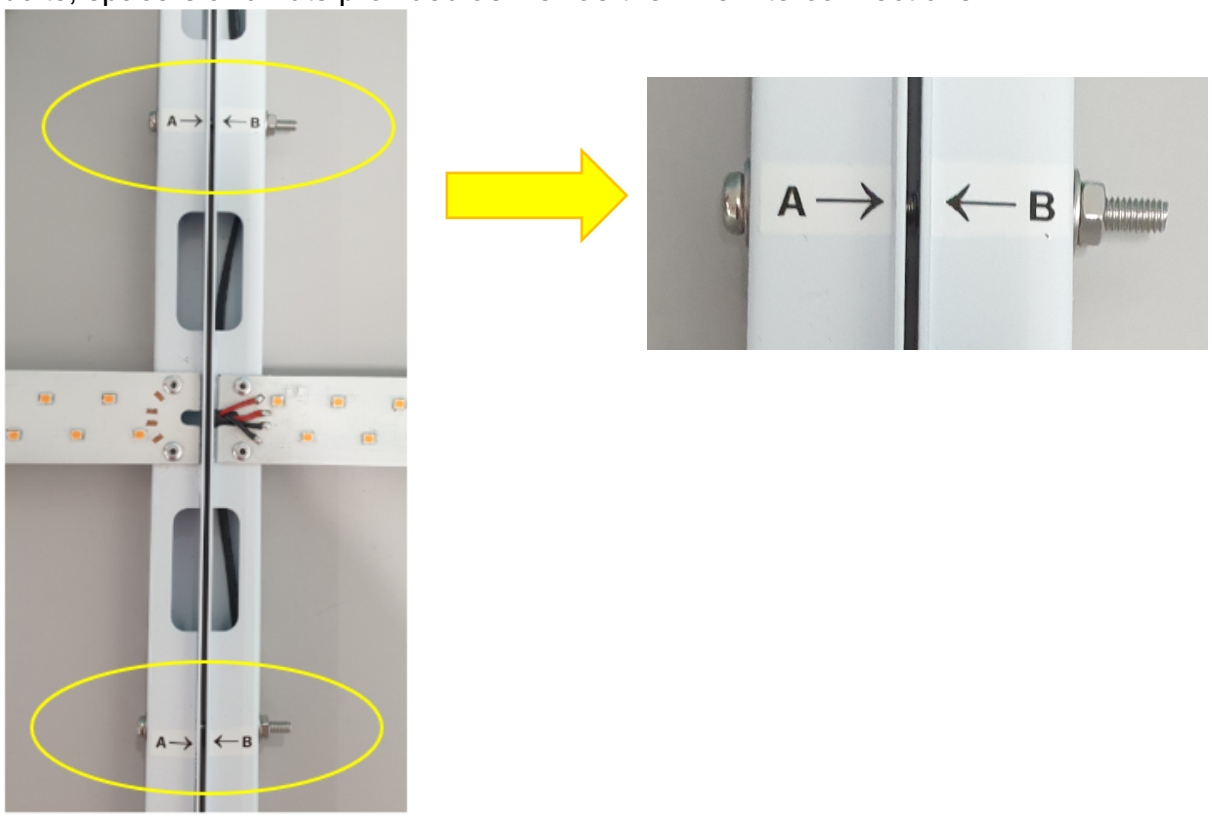
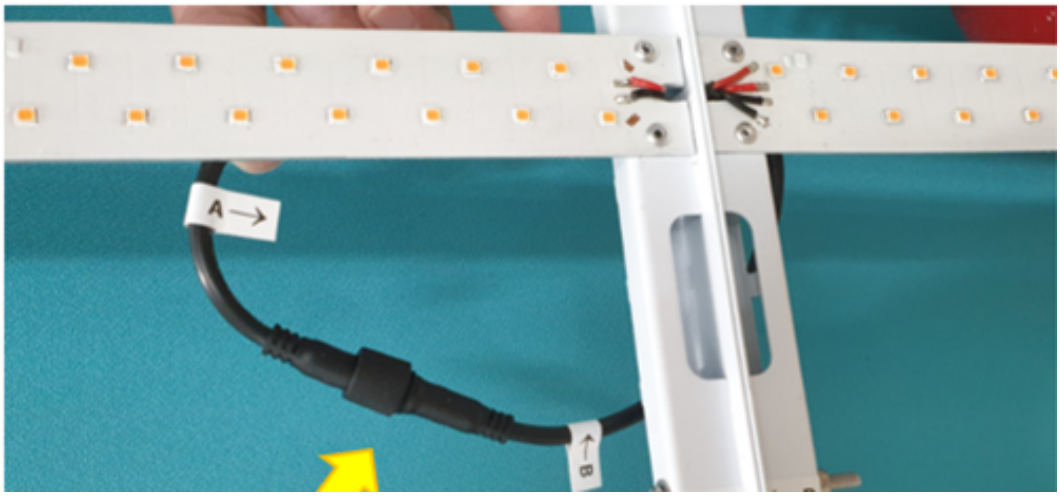
Configuration 2

Two frames can be joined together for a 2ft by 4ft structure with two stainless steel bolts, spacers and nuts provided as well as the wire interconnections.





Wire Interconnections.

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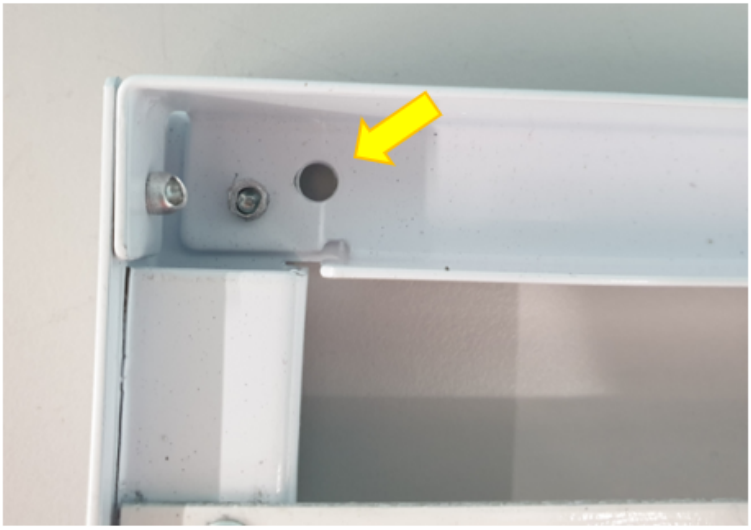
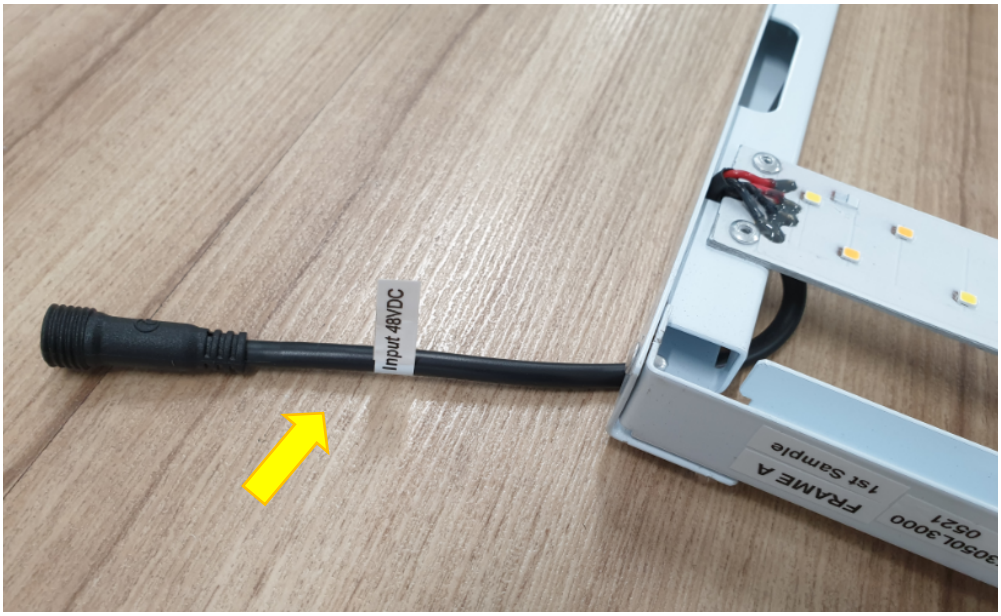
Configuration 3

Frames can be direct mounted onto surface with screws or suspended with support cables. (There's 4 mounting holes allocated at each corner of the frame)

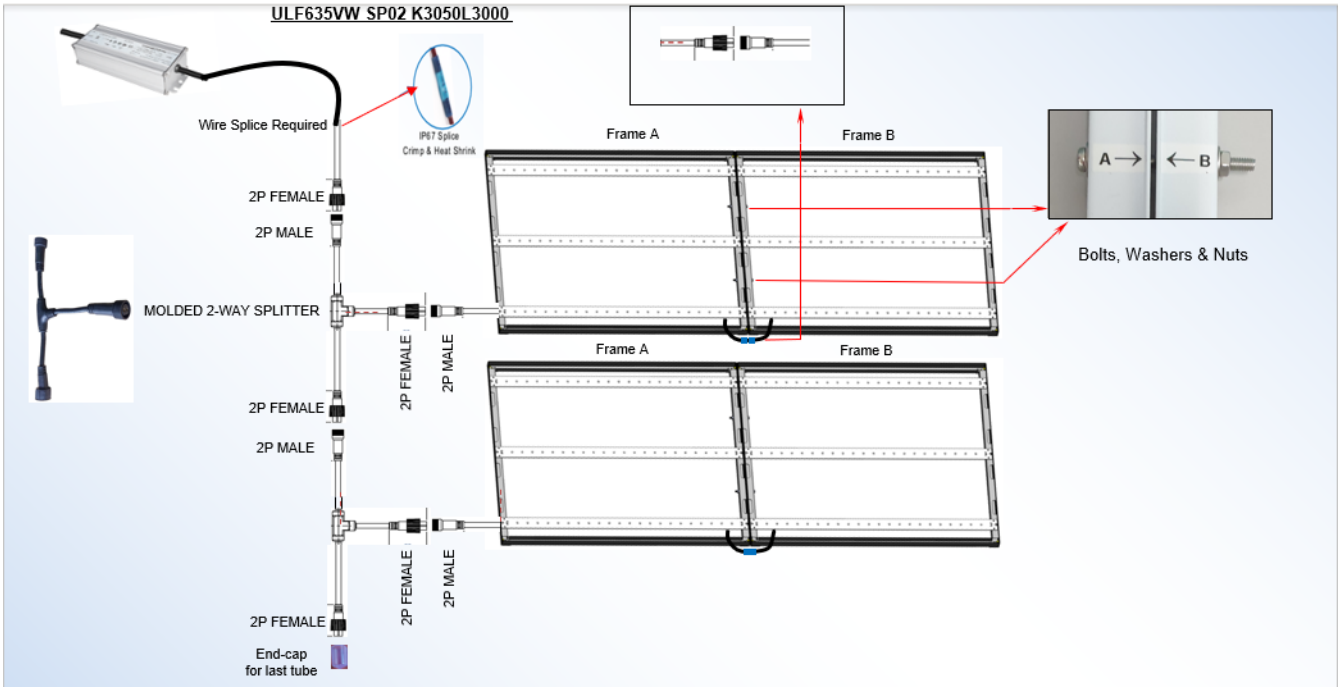


Configuration 4

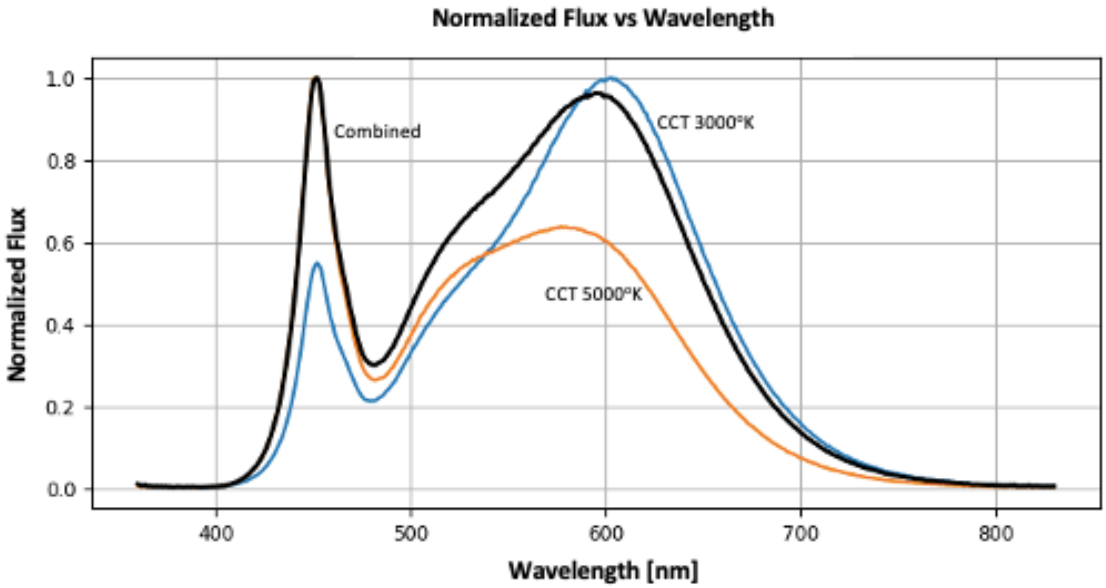
Power up the unit by connecting **Input 48VDC** wire to external DC power supply.



System Layout

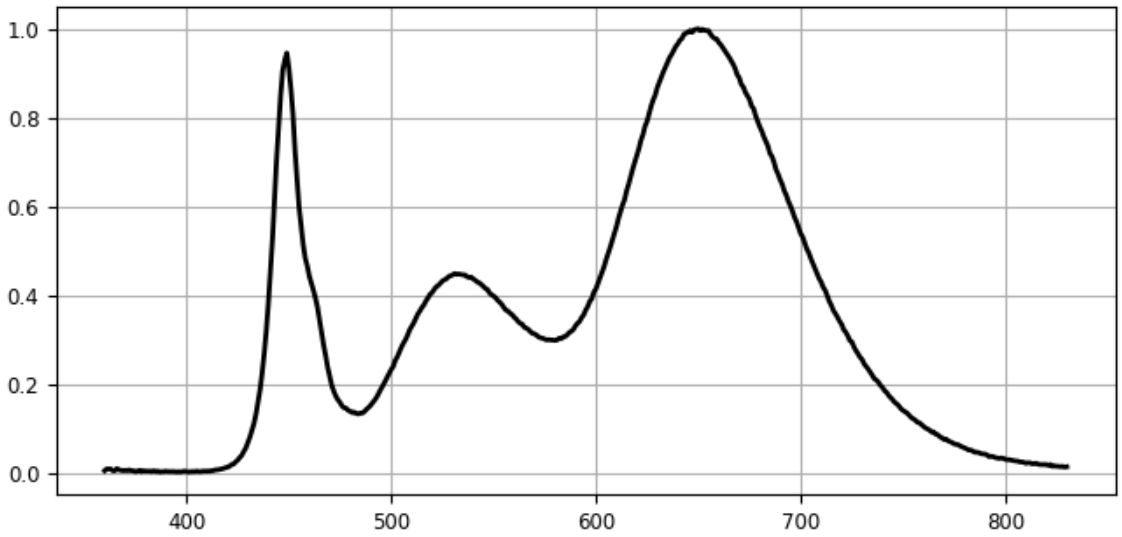


Photometric
ULF635VW SP01 K3050L3000



ULF635VW SP02 K3050L3000

ULF635VW SP03 KMML3000



Configuration can be customized to Customer's applications and set-up. OptoElectronix can assist in optimizing the configuration for best performance and economic value.
Please contact Customer Service/Sales or Distributor personnel.

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