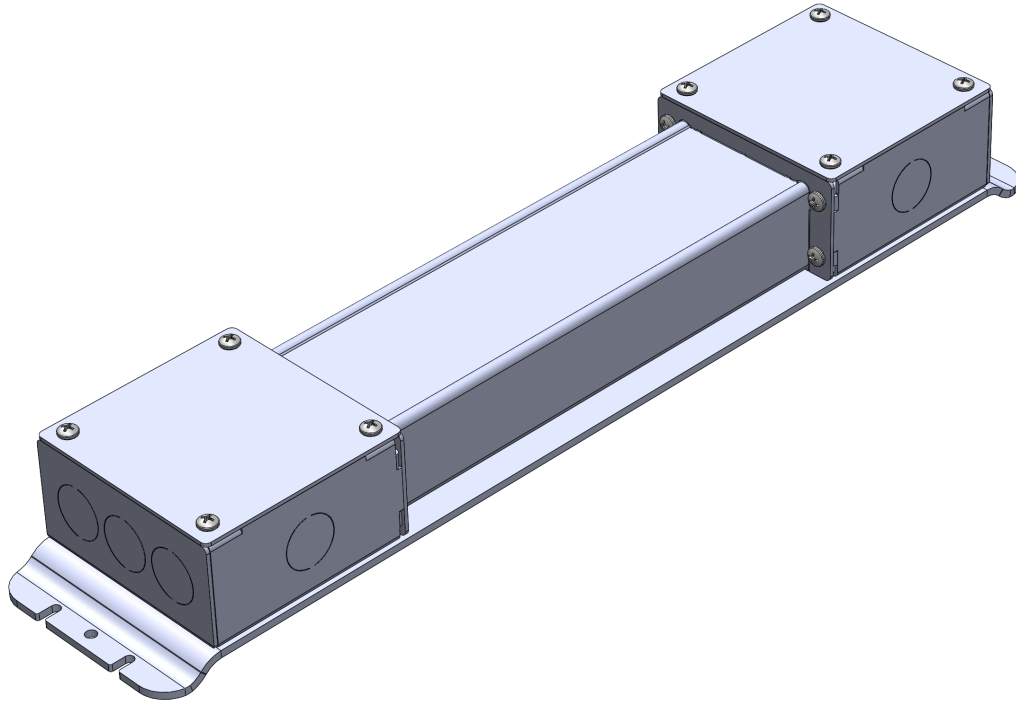




## Sky Factory 24PS HLG Power System Installation



### UL/CSA Listed and CE Compliant:

24PS HLG Power System when used with

ES22 Series, ES24 Series, ES26 Series, ES33 Series, ES34 Series, ES36 Series, ES44 Series, ESCST Series,

EP22 Series, EP24 Series, EP26 Series, EP33 Series, EP34 Series, EP36 Series, EP44 Series, EP46 Series, EPCST Series fixtures

fully certified by Intertek Group plc

For technical support at any time during the installation, please call us **toll free at 866-759-3228**.

We want your installation to go as smoothly as possible. Thank you for choosing the Sky Factory.

## Specifications and Features:

- Input Voltage: 90 – 305 V AC, 47-63 Hz, Auto-ranging
- Output Voltage: 24 V DC
- Max. Watts (Useable): 600 Watts per power system
- Available sizes: 40W, 60W, 80W, 100W, 120W, 150W, 185W, 240W, 320W, 480W, 600W
- Power System aluminum enclosure
  - Mounted on baseplate with junction box on input and output ends
- AC input wire sizes: 17 AWG on 40-480W; 18 AWG on 600W
- DC output wire sizes: 17 AWG on 40-240W,480W; 14 AWG on 320W,600W
- Dimmer wire sizes: 17 AWG on 40-480W; 18 AWG on 600W
- Power system must have 2" (5mm) clearance for air flow. Wall mount recommended.
- Power system must be mounted in dry locations.
- Power system is certified for Sky Factory EcoSlim and EcoPlus fixtures only.
- RF filter, if used, is not provided by Sky Factory. One filter per power system required.
  
- Dimming:
  - UL & CSA Listed –
    - Lutron Diva DVSTV 0-10V sliding dimmer/switch
    - Input: auto-ranging 120 - 277V AC
    - Mounts in standard single-gang electrical box
    - White standard, other colors available upon request
  - CE Compliant –
    - Lutron Lyneo preset 0 - 10V sliding dimmer/switch and external relay
    - Input: 220 - 240V AC
    - Mounts in standard UK style single gang backbox
    - 35mm depth recommended
    - White standard, other colors available on request
  
- For EcoSlim lighting systems, see
  - "Classic w/ EcoSlim Electrical Instructions (24PS HLG)", or
  - "Revelation w/ EcoSlim Electrical Instructions (24PS HLG)"
- For EcoPlus lighting systems, see
  - "Classic w/ EcoPlus Electrical Instructions (24PS HLG)", or
  - "Revelation w/ EcoPlus Electrical Instructions (24PS HLG)"
- For Custom EcoPlus lighting systems, see
  - "Custom EcoPlus Electrical Instructions (24PS HLG)" and
  - installation specific wiring diagrams EL 1-2 for number of circuits and number of fixtures per circuit

## Schematics:

For EcoPlus and EcoSlim wiring diagrams, see:

EcoPlus and EcoSlim Drawings and Charts (24PS HLG)

For Custom EcoPlus wiring diagrams, see:

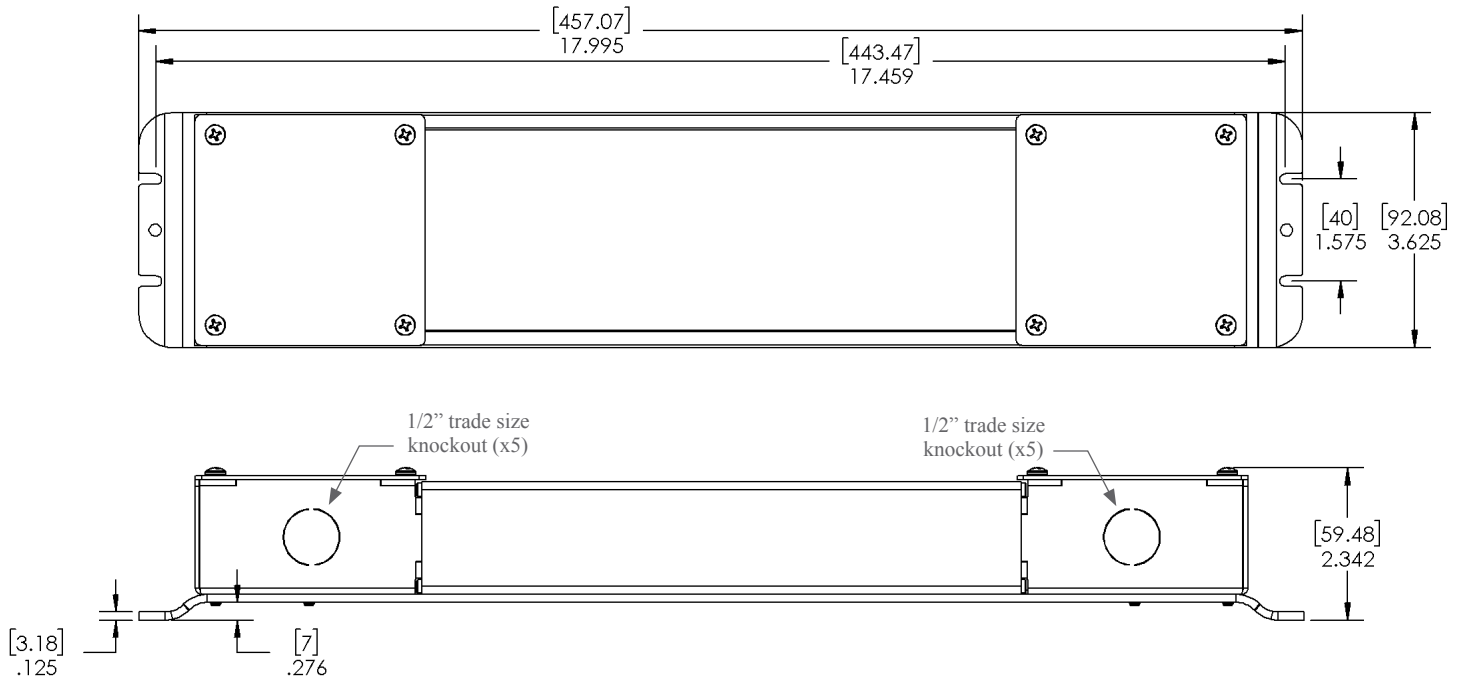
“Custom EcoPlus Electrical Instructions (24PS HLG)” and

installation specific wiring diagrams EL1-2 for number of circuits and number of fixtures per circuit

## Dimensions and Weights:

DIMENSIONS AND WEIGHTS				
	LENGTH	WIDTH	HEIGHT	WEIGHT
40 WATT 60 WATT	18 IN	3.7 IN	2.4 IN	3 LBS
	45.8 CM	9.4 CM	6.1 CM	1.4 KG
80 WATT 100 WATT 120 WATT 150 WATT 185 WATT 240 WATT	18 IN	3.7 IN	2.4 IN	4 LBS
	45.8 CM	9.4 CM	6.1 CM	1.8 KG
320 WATT	18 IN	3.7 IN	2.4 IN	6 LBS
	45.8 CM	9.4 CM	6.1 CM	2.7 KG
480 WATT	19.1 IN	5.8 IN	2.5 IN	8 LBS
	48.5 CM	14.8 CM	6.4 CM	3.6KG
600 WATT	19.1 IN	5.8 IN	2.5 IN	10 LBS
	48.5 CM	14.8 CM	6.4 CM	4.6 KG

Mounting dimensions: 40W, 60W, 80W, 100W, 120W, 150W, 185W, 240W, 320W 24PS HLG Power Systems



Mounting dimensions: 480W, 600W 24PS HLG Power System

