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, ES46 Series, ESCST Series,
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 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
- Power System aluminum enclosure
  Mounted on baseplate with junction box on input and output ends
- AC input wire sizes: 17 AWG on 40-600W
- DC output wire sizes: 17 AWG on 40-240W, 480W; 14 AWG on 320W, 600W
- Dimmer wire sizes: 20 AWG on 40-480W; 18 AWG on 600W
- HLG-480H-24B and HLG-600H-24B have two sets of output leads. Meanwell recommends loading no more than:
  240 Watts on each set of cables for HLG-480H-24B
  480 Watts on each set of cables for HLG-600H-24B
- 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 Classic and Revelation EcoSlim lighting systems, see
  “Classic w/ EcoSlim Electrical Instructions (24PS HLG)”, or
  “Revelation w/ EcoSlim Electrical Instructions (24PS HLG)”

- For Classic and Revelation EcoPlus lighting systems, see
  “Classic w/ EcoPlus Electrical Instructions (24PS HLG)”, or
  “Revelation w/ EcoPlus Electrical Instructions (24PS HLG)”

- For Aperture, Infinity, Circle, Ellipse and other Custom EcoPlus lighting systems, see
  “Custom EcoPlus Electrical Instructions (24PS HLG)” and
  installation specific wiring diagrams EL1-2 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 Aperture, Infinity, Circle, Ellipse and other 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:

<table>
<thead>
<tr>
<th>WATTAGE</th>
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<th>WEIGHT</th>
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Mounting dimensions: 480W, 600W 24PS HLG Power System