

Specifications

The Sky Factory 24PS Power System:

Input 90 - 264V AC; 47 - 63 Hz; Auto-ranging
Output 24V DC
Dimmer Option Available
Maximum Watts (Useable): 1,080 without Dimmer, 1,000 with Dimmer
Available sizes are: 60w, 200w, 320w, 480w, 750w and 1500 w
1 - 4 Branch Circuits: 270 watts per Branch Maximum without dimmer
250 watts per Branch with dimmer.
Fully enclosed Power System Enclosure with NEMA 1 rating
Power System must have 12" (30.5CM) clearance for air flow.
Wall mount recommended.
Power System must be mounted in dry locations.
Power System is specified for Sky Factory EcoSlim ES Series fixtures only.

Non-Dimmable Certification:

24PS Power System when used with LSC ES22 Series, ES24 Series, ES33 Series, ES34 Series and ES44 Series fixtures CE, UL, and CSA certified by Intertek Group plc

Dimmable Certification:

Dimmable 24PS Power System when used with LSC ES22 Series, ES24 Series, ES33 Series, ES34 Series and ES44 Series fixtures CE, UL, and CSA certified by Intertek Group plc

Features:

Removable front cover for easy wiring
Powder coated 18 gauge (0.0478"/1.2mm) steel enclosure
Color - Blue (RAL 5015)
AC input terminal block accepts wire sizes #8 - #18 AWG.
Branch circuit terminal blocks accept wire sizes #10 - #22 AWG.

Dimmer Option:

AC On/Off and Variable DC Output are controlled with one controller.
One controller can operate multiple power systems simultaneously.
Control Potentiometer is low voltage, 300 degree rotating 1/4 diameter shaft.
Control Potentiometer assembly mounts in standard single wide switch box.
Wall plate is white, other colors and finishes are available upon request.
Dimmer knob is satin aluminum.

MRI Applications:

Where an RF filter is required, one filter per power system is applicable.
See "EcoSlim Electrical Instructions (TSF)",
"Revelation Electrical Instructions (TSF)" or
"Custom LED Lighting Installation Instructions"

For EcoSlim and Revelation SkyCeilings:

Power System Fusing and Maximum Fixtures per Power System:

"EcoSlim Drawings and Charts (TSF)" pages 9-10,
"Revelation Drawings and Charts (TSF)" page 9-11,

Maximum Fixtures per Branch Circuit:

"EcoSlim Drawings and Charts (TSF)" page 11 or
"Revelation Drawings and Charts (TSF)" page 12

For Custom LED SkyCeilings:

Power System Fusing and Minimum Branch Circuits per Power System:

"Custom LED Electrical Drawings and Charts (TSF)" page 9

LSC 24PS Power System LED 24V DC Electrical Power System



Length: 23.75" (604mm) x Width: 12" (304mm)
x Height: 6.125" (156mm)
15 - 21 lbs.

Power System Panel

