

Sky Factory LSC 24PS Power System



CONFORMS TO:
ANSI/UL STD 2108
CERTIFIED TO: CAN/CSA
STD C55.8 No. 250.0



Specifications

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: 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 and EcoPlus EP Series fixtures only.

Non-Dimmable Certification:

LSC 24PS Power System when used with ES22 Series, ES24 Series, ES26 Series, ES33 Series, ES34 Series, ES36 Series, ES44 Series, EP22 Series, EP24 Series, EP26 Series, EP33 Series, EP34 Series, EP36 Series, EP44 Series fixtures
CE, UL, and CSA certified by Intertek Group plc

Dimmable Certification:

Dimmable LSC 24PS Power System when used with ES22 Series, ES24 Series, ES26 Series, ES33 Series, ES34 Series, ES36 Series, ES44 Series, EP22 Series, EP24 Series, EP26 Series, EP33 Series, EP34 Series, EP36 Series, EP44 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 "Standard w/ EcoSlim Electrical Packet (TSF)",

"Standard w/ EcoPlus Electrical Packet (TSF)",

"Revelation w/ EcoSlim Electrical Packet (TSF)",

"Revelation w/ EcoPlus Electrical Packet (TSF)"

or "Custom LED Lighting Installation Packet"

For EcoSlim and EcoPlus SkyCeilings:

Power System Fusing and Maximum Fixtures per Power System:

"Standard w/ EcoSlim Electrical Packet (TSF)" pages 7-8

"Standard w/ EcoPlus Electrical Packet (TSF)" pages 7-8

"Revelation w/ EcoSlim Electrical Packet (TSF)" pages 7-9

"Revelation w/ EcoPlus Electrical Packet (TSF)" pages 7-8

Maximum Fixtures per Branch Circuit:

"Standard w/ EcoSlim Electrical Packet (TSF)" page 9

"Standard w/ EcoPlus Electrical Packet (TSF)" page 9

"Revelation w/ EcoSlim Electrical Packet (TSF)" page 10

"Revelation w/ EcoPlus Electrical Packet (TSF)" page 9

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

