



## Description

The 6990-24V LED sheet series is ideal for light boxes with a depth >1.18". Its thick PCB board and high quality SMD2835 chips will ensure constant brightness. Internal constant current for extremely long series connection without light decay. It is highly versatile, dimmable, and suitable for both lighting and accenting. Adopted XH-2Y connector easy for connection and super slim 3M double-side tape with strong adhesive. Available in a variety of color temperatures.

## Product Specifications

|                           |   |
|---------------------------|---|
| Input Voltage             | 24 V DC                                   |
| Limiting Control Method   | CV-Constant Voltage                       |
| Power Consumption         | 46W/pc                                    |
| Beam Angle                | 120°                                      |
| Cuttible Segments         | 0.99inx 0.92in (4 LED cuttable)           |
| LED Sheet Size            | 1ftx2ft (302*604)                         |
| Luminous Flux Maintenance | 75,000 hrs                                |
| Dimming                   | DMX PWM, RF PWM, 0-10V, MLV, Incandescent |
| Warranty                  | 3 Years Limited                           |
| Certifications            | cULus UL Listed, E467088                  |
| Operating Temperature     | -20° F to 120°F                           |
| Mounting                  | Non -Porous: 3M double sided Tape         |
| LED Chip Type             | High Quality SMD 2835                     |
| LED Density               | 1248 LEDs/pc                              |
| Board Type/Color          | 2 oz Density, White PCB                   |

| Nominal Color | Luminous Flux (lm) | Luminous Efficacy (lm/W) | CRI |
|---------------|--------------------|--------------------------|-----|
| R             | 380                | 33                       | /   |
| G             | 1870               | 163                      | /   |
| B             | 200                | 17                       | /   |
| 2700K         | 1010               | 88                       | 90+ |
| 3000K         | 1010               | 88                       | 90+ |
| 4000K         | 1010               | 88                       | 90+ |
| 6000K         | 1030               | 89                       | 90+ |



## Ordering Guide

| Series | CCT | Voltage |
|--------|-----|---------|
| 6990   | XX  | XX — B  |

1 - Contact Richee for exact warranty period and policy.  
 2 - Lumen output are measured according to PMS 80, with a tolerance of +/-5%  
 3 - Standard package: 1pc/bag