

ARTICULIGHT

15-06 Morlot Avenue, Fair Lawn, NJ 07410 USA Tel: (201) 796-2690 Fax: (201) 796-8818

info@articulight.com

articulight@aol.com

www.articulight.com

LED SERIES

DANCE 500 RGB Pixel Dance Floor



ARCHITECTURAL * ENTERTAINMENT * HOSPITALITY * RETAIL
*DISPLAY

Painting your world or at least your floors and walls in any vivid hue and image imaginable has become as easy as flicking a switch, thanks to our new DANCE 500. An advanced technology floor/wall/ceiling panel equipped with red, green, and blue LEDs, the DANCE 500 can create millions of vibrant colors through RGB color mixing and make super smooth transitions from one shade to another. Advanced micro-electrical technology, digital technology, video technologies are applied. Connected with Video Control System through PC DVI, it can play real time video signal from PC without distortion. It is excellent choice for places such as ballrooms, night clubs, entertainment halls and anywhere where there are dancers.

Easy to install on any room surface, the DANCE is amazingly versatile. It can be used to light up a disco dance floor with flashy changing colors, or as a more subtle mood effect on the walls of a buildings lobby or corridors. It's so sturdy and durable you can dance on it, yet it's completely portable, which also makes it great for mobile applications like stage shows, fashion runways, concerts, rentals and special events. It can be specified as a fixture for permanent installations, such as car dealership showroom adding the drama of color-changing tiles to any architectural application.

This solid-state lighting system has been designed for easy installation and safe energy efficient, long life operation.

Because its LEDs emit no infrared or ultra-violet light, the DANCE 500 produces very little heat - another factor that contributes to its versatility. It can be placed at close range to objects without risk of discoloration, making it ideal for illuminating displays and products. When used in a disco or onstage, its cool operation will help keep dancers and performers from getting too hot under the bright lights. This special feature gives the flexibility for numerous types of applications such as architectural/ retail spaces, stage, productions, night clubs, art galleries museums and much more.

Injection molded rugged construction can support up to 1,500 kgs square meter. This gives the DANCE 500 the muscle to easily withstand the rigors of dance floor use or even cars.

Because it is a self-contained unit, the DANCE 500 is easy to set up and tear down, which makes it convenient for mobile users.

Unit block/pieces can be easily connected with each other and can be combined into floor panels of different sizes. It uses 12 mm thick toughened glass as faceplate, thus tough and durable.

The DANCE 500 is truly the ultimate color changing panel, because it can be used in so many different ways - wherever and however color is needed on a room surface. It can be installed on the ceiling, walls or floor, either as a mobile or permanent unit. And with the RGB color mixing, you have literally millions of colors at your fingertips, and you can change colors as quickly or slowly as you want, to meet the exact requirements of any application.

FEATURES:

- * Injection molded rugged construction
- * High definition 256 SMD pixels
- * Tri-color (RGB) full color display
- * Real time display of visual content
- * Digital PC DVI input to controller
- * Nearly seamless profile between multiple units in a matrix configuration
- * Liquid resistant design

Technical Specifications

Color: RGB, red, green and blue color mixing generating 16.7 million colors

LED: 256 ultrabright LED

Luminous flux: 145 LM (white)

Operating temperature: 0-40o C

Operating humidity:0-95%

IP rating:IP 44

Load: 1500 kgs per 1 square meter.

Shield material: 2-layer toughened glass with rubber inside

Lighting fixture material: ABS

Dimensions: L 500 * W 500 * H 84 mm (19.69 x 19.69 x 3.3 inches)

Net weight: 15 Kg (33 lbs)

Controlling Mode

Control system: SRC-258C controller and DVI Card

Signal faucet: 8-pin aeronautic connector

Electrical Specifications

input voltage: AC90-264V

Operating voltage: DC5V

Max power consumption: 60 Watt

DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.