



PixieStar

PixieStar is fully addressable individual 3Watt Stars, offering full color motion lighting effects to enhance any open space with dynamic color mixing. It is an ideal solution for video animations with direct viewing. PixieStar is a single tri-color 3 watt high output LED packaged in a 64mm x 64mm x 47mm aluminum housing with a spherical polycarbonate lens cover that provides a full 90° viewing angle on a flexible cable with a standard pitch of 36" (variable up to 60"). With a maximum of 128 Stars per string at 60" pitch, a string of 640' is achievable. This product is ideally suited for vast coverage with precise high output video visualizations allowing infinite design possibilities. PixieStar is controlled via a DMX controller which is fed data signal from any DMX external source. Maximum of 20 Stars per 240watt PSU, power and data is very easily daisy chained. Additional power is added via a simple T-piece. PixieStar is light weight, easy to install and IP66 rated - which enables this product to be used outdoors.

- Single Cree tri-colour high output 3W LED emitter per star
- Red, green and blue colour mixing to create millions of shades
- Individually addressable to allow pattern creation & low resolution imaging
- Output up to 92 lumens per star (at source)
- Lumen maintenance: 50,000 hours L70 at 50°C (full output)
- Beam angle is 90°
- Clear polycarbonate lens
- Colour mixing signals sent to each star from a dedicated interface unit which can be linked to any DMX source
- Each interface unit can drive a maximum of 128 stars (384 DMX channels in total)
- Up to 8 interface units can be daisy chained to control a total of 1024 stars
- A maximum of 4096 stars can be linked to a system controller
- Low voltage dimming signals fed to each star. Controller requires 94 - 264VAC 50/60Hz power input
- Low power consumption: 3.5W at full intensity per star
- Distance between stars is 0.91m (36"), extendable up to 1.52m (60"). Maximum lead-in cable length is 2m (78")
- Stars constructed from cast aluminium with black powder coat finish
- Interface unit encased within a sealed polycarbonate housing
- Star dimensions LWH: 64 x 64 x 47mm (2.5 x 2.5 x 1.85")
- Interface unit dimensions LWH: 96 x 46 x 28mm (3.77 x 1.81 x 1.10")
- Weight of each star: 273g (9.6oz)
- Operational temperature range -20°C to +50°C
- Stars rated to IP65 for outdoor use. Interface unit rated to IP66 for outdoor use