PixelRANGE

www.pixelrange.com

PixiePoint

PixiePoint is fully addressable individual Points, offering full color motion lighting effects to enhance any surface with dynamic color mixing. It can also be used for video animations with direct viewing. PixiePoint is a single tri-colored high output LED packaged in a 16 x 16 x 9.3mm polycarbonate housing mounted on a flexible ribbon cable with a standard pitch of 3" (variable up to 12"). With a maximum of 32 Points per string, it allows for infinite design possibilities enabling unique display lighting, cove lighting, stage sets or retail lighting. The possibilities for enhanced lighting are endless. The Points are controlled via a DMX controller which is fed data signal from any DMX external source. PixiePoint is light weight, easy to install and IP66 rated - which enables this product to be used outdoors.

- Single Cree tri-colour high output LED emitter per point
- Red, green and blue colour mixing to create millions of shades
- Every point is individually addressed to allow pattern creation and low resolution imaging
- Output up to 5 lumens per point (at source)
- Lumen maintenance: 50,000 hours L70 at 50ºC (full output)
- Beam angle is 110º
- Clear polycarbonate lens
- Colour mixing signals sent to each point from a dedicated interface unit which can be linked to any DMX source
- Each interface unit can drive a maximum of 5 strings of 32 points (480 DMX channels in total)
- Internal interface unit clock rate: 20Mbits/sec. Refresh rate to points: 30 frames per second
- Low voltage dimming signals fed to each point. Controller requires 94 - 264VAC 50/60Hz power input
- Very low power consumption: 0.55W at full intensity per point
- Points constructed from clear polycarbonate
- Interface unit housed within metal enclosure
- Point dimensions LWH: 16 x 16 x 9mm (0.63 x 0.63 x 0.36")
- Interface unit dimensions LWH: 275 x 150 x 120mm (10.8 x 5.9 x 4.7")
- Weight of each point: 4.8g (0.17oz)
- Operational temperature range -20ºC to +50ºC
- Points rated to IP65 for outdoor use. Interface unit rated to IP20 for indoor use
- CE, RoHS, UL (pending)