



Harsh environment flexible strands of high-intensity nodes with intelligent light

Flex Micro gen3, Harsh Environment, RGB

Flex Micro gen3 Harsh Environment, RGB consists of 50 individually addressable LED nodes fully sealed in a thermoplastic overmold. This luminaire is designed to handle a wide range of extreme conditions, such as dust, humidity, and temperature shifts found in coastal locations. Like all Flex Micro gen3 luminaires, Flex Harsh Environment accommodates two- and three-dimensional configurations, enables patterns and video on almost any exterior surface, including ceilings, floors, sculptures, and more. Its small node size allows installation in tighter spaces than the larger Flex Compact strands.

Benefits

- Harsh Environment handles a wide range of extreme conditions
- Unmatched flexibility to customize node count and spacing
- Small node size allows installation in tight spaces

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Features

- Outdoor rated—Flex Micro gen3 Harsh Environment, RGB strands are fully sealed with UV resistant thermoplastic overmold, IP66-rated for harsh outdoor applications, especially in coastal environments.
- Proven reliability—All Flex Micro HE nodes are designed to be extremely reliable year after year—thanks to smart design, extensive testing, and years of experience. With a thermoplastic overmold Flex HE luminaires can handle a wide range of extreme conditions, such as dust, humidity, corrosion, and temperature shifts found in coastal locations.
- Supports cost-effective video displays—Flexible form factor, offering maximum lighting control at 25 W per strand, accommodates unique lighting installations, including two- and three-dimensional video displays.
- Lens and node spacing options—Clear flat, and translucent dome lenses are standard, with a 102 mm (4 in) on-center node spacing for either lens option. Numerous custom configurations including strands lengths of 5 to 72 nodes are available with 51 mm (2 in) to 610 mm (24 in) on-center node spacing.
- Industry-leading controls—Flex Micro gen3 Harsh Environment, RGB works seamlessly with the Color Kinetics full range of controllers, including Light System Manager, Video System Manager Pro, iPlayer 3, Antumbra iColor Keypad, and ColorDial Pro, or third-party controllers.
- Adaptable mounting—Flex Micro gen3 Harsh Environment, RGB strands can be mounted in linear runs with optional Mounting Track and Spacers which ensure consistent alignment and spacing. Detachable leader cables in multiple lengths allow you to install strings at the appropriate distance from power/data supplies.
- Custom Leader Cables—Custom Leader Cable lengths are available in addition to standard cables of 7.6 m (25 ft), and 15.2 m (50 ft).

Application

- RGB direct-view effect lighting
- Low-resolution video display
- RGB low-profile outdoor cove/accent lighting

Versions



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