

Flex Micro gen3 Harsh Environment

Date: _____
 Type: _____
 Firm Name: _____
 Project: _____

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

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.

- Outdoor Rated—Flex Micro gen3 Harsh Environment, RGB strands are IP66-rated, and B117 >3,000 hours for harsh outdoor applications including coastal area installations. Each node, connector and terminator is fully sealed with a UV-resistant thermoplastic overmold.
- Proven Reliability—All Flex HE nodes are designed to be extremely reliable year after year—thanks to smart design, extensive testing, and years of experience. Flex HE luminaires can handle a wide range of extreme conditions, such as dust, humidity, and temperature shifts.



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Viewing Angle	107°, 112°
Lumens per node*	3.8 to 7.7
LED Channels	Red/Green/Blue
Environment	Dry/Damp/Wet Location, IP66, Suitable for coastal installations
Warranty	Limited 5 year warranty

Input Voltage	7.5 VDC via sPDS-480ca, PDS-60ca or CM-150 CA 24V
Power Consumption	0.43 W per node, 22 W per 50 node string
Weight	1.7 kg (3.8 lb) 4 inch spacing
Housing	Black polycarbonate with UV resistant thermoplastic overmold
Approbations	UL, CE, CQC

Specification Sheets Numerous custom configurations available. Please contact your Color Kinetics Lighting sales rep for more information.

PDF Download	Viewing Angle	Lumens	Item Number	12 NC
RGB, Clear Flat Lens, Black Housing, 4 in On-Center Node Spacing	107°	7.7	101-000078-30	912400137647
RGB, Clear Dome Lens, Black Housing, 4 in On-Center Node Spacing	112°	7.3	101-000078-31	912400137648

* Lumen output measurements comply with IES LM-79-08 testing procedures.