

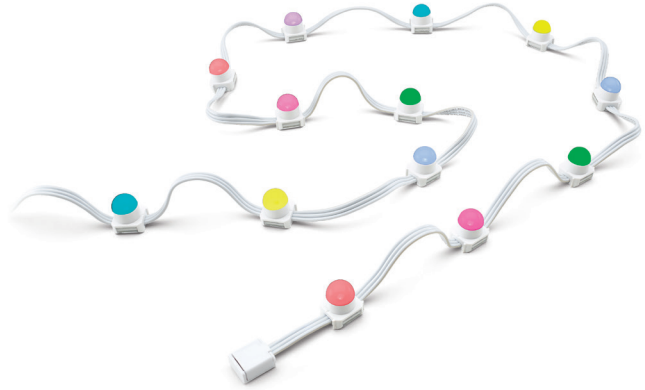
# Flex Micro gen3

Flexible strands of high-intensity LED nodes with intelligent RGB light

Date: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Firm Name: \_\_\_\_\_  
 Project: \_\_\_\_\_

Flex Micro gen3, RGB is a multi-purpose, high-intensity strand of 50 full-color LED nodes for generating extraordinary effects without the constraints of luminaire size or shape. Flex Micro gen3 enables patterns and video on almost any interior or exterior surface, including ceilings, floors, three-dimensional objects, sculptures, and more. Its small node size allows installation in tighter spaces than the larger iColor Flex LMX gen2 strands.

- Supports cost-effective video displays—Flexible form factor, offering maximum lighting control at 22 W per strand, accommodates unique lighting installations, including two- and three-dimensional video displays.
- Multiple lens options—Clear and translucent dome, Clear and translucent flat lenses are standard.
- Adaptable mounting—Strands can be mounted directly to a surface, like traditional string lights. Detachable Leader Cables in multiple lengths allow you to install strings at the appropriate distance from power / data supplies. Optional mounting tracks ensure straight linear runs, while snap-on spacers hide cabling and mounting hardware. Single node mounts can be positioned individually as anchor points for installations with uneven node spacing or complex geometries.



[Product page](#)

Viewing Angle	105°, 165°
Lumens per node	3.8 to 7.7
LED Channels	Red/Green/Blue
Environment	Dry/Damp/Wet Location, IP66
Warranty	Limited 5 year warranty

Input Voltage	7.5 VDC via sPDS-480ca, and PDS-60ca
Power Consumption	0.43 W per node, 22 W per 50 node string
Weight	970 g (2.1 lb) 12 inch spacing
Housing Material	Polycarbonate
Approbations	UL/cUL, FCC Class A, CE

## Specification Sheets

PDF Download	Viewing Angle	Lumens	Item Number	12 NC
<a href="#">Clear Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	112°	7.3	101-000078-05	912400137446
<a href="#">Clear Dome Lens, Clear Housing, 12 in On-Center Node Spacing</a>	112°	7.3	101-000078-09	912400137450
<a href="#">Clear Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	112°	7.3	101-000078-01	912400137442
<a href="#">Clear Flat Lens, Black Housing, 12 in On-Center Node Spacing</a>	107°	7.7	101-000078-07	912400137448
<a href="#">Clear Flat Lens, Clear Housing, 12 in On-Center Node Spacing</a>	107°	7.7	101-000078-11	912400137452
<a href="#">Clear Flat Lens, White Housing, 12 in On-Center Node Spacing</a>	107°	7.7	101-000078-03	912400137444
<a href="#">Translucent Dome Lens, Black Housing, 12 in On-Center Node Spacing</a>	148°	3.8	101-000078-04	912400137445
<a href="#">Translucent Dome Lens, Clear Housing, 12 in On-Center Node Spacing</a>	148°	3.8	101-000078-08	912400137449
<a href="#">Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing</a>	148°	3.8	101-000078-00	912400137441
<a href="#">Translucent Flat Lens, Black Housing, 12 in On-Center Node Spacing</a>	110°	3.9	101-000078-06	912400137447
<a href="#">Translucent Flat Lens, Clear Housing, 12 in On-Center Node Spacing</a>	110°	3.9	101-000078-10	912400137451
<a href="#">Translucent Flat Lens, White Housing, 12 in On-Center Node Spacing</a>	110°	3.9	101-000078-02	912400137443



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