

# Flex Compact gen3, RGB

## Exterior flexible strands of high-intensity nodes with intelligent RGB light

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

Flex Compact gen3, RGB are flexible strands of large, high-intensity, full-color LED nodes designed for extraordinary video and graphic effects on expansive installations without the constraints of luminaire size, shape, or space. Each Flex Compact gen3, RGB strand consists of 50 individually addressable LED nodes, featuring dynamic integration of power, communication, and control. The flexible form factor accommodates two- and three-dimensional configurations, while high light output affords superior long-distance viewing for large-scale signage and building-covering video displays.

- Multiple lens options—Clear flat, and translucent dome are standard. Optional marquee lenses, available in clear, semi-frosted, and translucent, snap onto flat-lens nodes to create the appearance of bulbs on a traditional theatre marquee. You can mount marquee lenses in front of a substrate or directly to mounted strands.
- Adaptable mounting—Flex Compact gen3, RGB 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 between nodes for a clean, finished look.



[Product page](#)

Viewing Angle	105°, 165°
Lumens per node*	11.5 to 33.3
LED Channels	Red/Green/Blue
Environment	Dry/Damp/Wet Location, IP66
Warranty	Limited 3 year warranty

Input Voltage	24 VDC via PDS-60ca 24V, sPDS-60ca 24V, sPDS-480ca 24V, or CM-150 CA 24V
Weight	1 kg (2.2 lb) 4 inch spacing 1.5 kg (3.3 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 Flat Lens, 50 Node, 12 in On-Center Node Spacing, Black</a>	105°	33.3	101-000079-00	912400137406
<a href="#">Translucent Dome Lens, 50 Node, 12 in On-Center Node Spacing, Black</a>	165°	11.5	101-000079-01	912400137407
<a href="#">Clear Flat Lens, 50 Node, 12 in On-Center Node Spacing, White</a>	105°	33.3	101-000079-02	912400137408
<a href="#">Translucent Dome Lens, 50 Node, 12 in On-Center Node Spacing, White</a>	165°	11.5	101-000079-03	912400137409
<a href="#">Clear Flat Lens, 50 Node, 4 in On-Center Node Spacing, Black</a>	105°	33.3	101-000079-04	912400137410
<a href="#">Translucent Dome Lens, 50 Node, 4 in On-Center Node Spacing, Black</a>	165°	11.5	101-000079-05	912400137411
<a href="#">Clear Flat Lens, 50 Node, 4 in On-Center Node Spacing, White</a>	105°	33.3	101-000079-06	912400137412
<a href="#">Translucent Dome Lens, 50 Node, 4 in On-Center Node Spacing, White</a>	165°	11.5	101-000079-07	912400137413

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