

Philips Color Kinetics

iColor Flex LMX gen2

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


[Product page](#)

Viewing Angle	36°, 105°, 165°
Lumens per node*	13 to 30
LED Channels	Red/Green/Blue

[Custom products information available](#)

iColor Flex LMX gen2 are flexible strands of large, high-intensity, full-color LED nodes designed for extraordinary effects and expansive installations without the constraints of luminaire size, shape, or space. Each iColor Flex LMX gen2 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 architectural accent and perimeter lighting, large-scale signage, and building-covering video displays.

- Multiple lens options—Clear flat, translucent dome, and narrow beam lenses 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—iColor Flex LMX gen2 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.

Input Voltage	24 VDC via PDS-60ca 24V, sPDS-60ca 24V, or sPDS-480ca 24V
Housing	Polycarbonate
Approbations	UL/cUL, FCC Class A, CE
Environment	Dry/Damp/Wet Location, IP66

Specification Sheets

PDF Download	Beam Angle	Lumens*	Efficacy	Weight (50 nodes)	Item Number	12 NC
Narrow Beam Lens, Black Housing, 4 in On-Center Node Spacing	36°	28	27.9	1.5 kg (3.3 lb)	101-000077-09	912400135778
Narrow Beam Lens, White Housing, 4 in On-Center Node Spacing	36°	28	27.9	1.5 kg (3.3 lb)	101-000077-11	912400135780
Narrow Beam Lens, Black Housing, 12 in On-Center Node Spacing	36°	28	27.9	1.74 kg (3.84 lb)	101-000077-10	912400135779
Narrow Beam Lens, White Housing, 12 in On-Center Node Spacing	36°	28	27.9	1.74 kg (3.84 lb)	101-000077-12	912400135781
Clear Flat Lens, Black housing, 4 in On-Center Node Spacing	105°	30	30	1.5 kg (3.3 lb)	101-000077-00	910503705491
Clear Flat Lens, White housing, 4 in On-Center Node Spacing	105°	30	30	1.5 kg (3.3 lb)	101-000077-02	912400130024
Clear Flat Lens, Black housing, 12 in On-Center Node Spacing	105°	30	30	1.74 kg (3.84 lb)	101-000077-01	912400130023
Clear Flat Lens, White housing, 12 in On-Center Node Spacing	105°	30	30	1.74 kg (3.84 lb)	101-000077-03	912400130025
Translucent Dome Lens, Black housing, 4 in On-Center Node Spacing	165°	13	13	1.5 kg (3.3 lb)	101-000077-04	912400130026
Translucent Dome Lens, White Housing, 4 in On-Center Node Spacing	165°	13	13	1.5 kg (3.3 lb)	101-000077-06	912400130028
Translucent Dome Lens, Black housing, 12 in On-Center Node Spacing	165°	13	13	1.74 kg (3.84 lb)	101-000077-07	912400130029
Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing	165°	13	13	1.74 kg (3.84 lb)	101-000077-05	912400130027

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

