![PHILIPS Lighting]

iColor Flex LMX gen2

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Over Time Performance (IEC Compliant)	
Useful life L80B10	60000 h
Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	60000
Lumen Maintenance 50% at 50°C Calculated	100000
Lumen Maintenance 50% at 50°C Reported	60000
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	60000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	60000

Application Conditions	
Ambient temperature range	-40 to +50 °C

Product Data	
Full product code	871829162307699
Order product name	BGC495 50 RGB CLFT12 BK
EAN/UPC – Product	8718291623076
Order code	912400130023
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	6
Material Nr. (12NC)	912400130023
Net Weight (Piece)	0.980 kg

Dimensional drawing

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BGC495 50 RGB CLFT12 BK

RGB - 50 pcs - Clear flat 12 inch separated - Black

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.

Product data

General Information

Number of light sources	50 pcs
Lamp family code	LED-MD [LED Multi-die]
Light source color	RGB
Light source replaceable	No
Driver included	No
Optical cover/lens type	Clear flat 12 inch separated
Luminaire light beam spread	105°
CE mark	CE mark

Light Technical

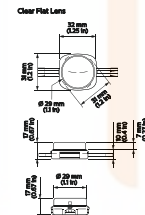|	
Luminous intensity (peak value) on beam axis per node	11 cd

Operating and Electrical

Input Voltage	24 V

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Material	Polycarbonate
Optical cover/lens material	Polycarbonate
Color	Black

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	30 lm
Initial LED luminaire efficacy	30 lm/W
Initial input power	1 W