PHILIPS Lighting



iColor Flex LMX gen2

BGC495 50 RGB TSDM4 WH

iColor Flex LMX gen2, Translucent Dome Lens, White Housing, 4 in On-Center Node Spacing

When designers need high-brightness RGB direct-view accent lighting, or need to design creative low-resolution video displays, iColor Flex LMX gen2 provides flexible strands of large high-intensity LED nodes. Each Flex LMX gen2 node is individually controllable, providing ultimate flexibility of design.

Product data

General Information	
Number of light sources	50 [50 pcs]
Lamp family code	LED-MD [LED Multi-die]
Lamp colour code	RGB
Light source replaceable	Yes
Driver included	No
Optical cover/lens type	TSDM4 [Transparent dome 4 inch
	separated]
Luminaire light beam spread	165°
CE mark	CE mark
Light Technical	
Luminous intensity (peak value) on beam axis	2.2 cd
per node	
Operating and Electrical	
Input Voltage	24 V

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing material	Polycarbonate
Optical cover/lens material	Polycarbonate
Colour	White
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	13 lm
Initial LED luminaire efficacy	13 lm/W
Initial input power	1 W
Over Time Performance (IEC Compliant)	
Lumen Maintenance 50% at 25 °C Calculated	100000

iColor Flex LMX gen2

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

EAN/UPC – product	8718291623120
Order code	101-000077-06
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	912400130028
SAP net weight (piece)	0.980 kg
Commercial Code	101-000077-06
Commercial Code	iColor Flex LMX gen2, Translucent
	Dome Lens, White Housing, 4 in On-
	Center Node Spacing

Product Data	
Full product code	871829162312099
Order product name	BGC495 50 RGB TSDM4 WH

Dimensional drawing



iColor Flex LMX gen2



IP 66

 \odot 2021 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2021, December 9 - data subject to change