PHILIPS Lighting



iColor Flex MX gen2

Lumen Maintenance 70% at 50°C Reported	60000
Application Conditions	
Ambient temperature range	-40 to +50 °C
Product Data	
Full product code	871829162293299
Order product name	BGC494 50 RGB TSDM12 BK
EAN/UPC - Product	8718291622932

Order code	912400130017	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	12	
Material Nr. (12NC)	912400130017	
Net Weight (Piece)	0.970 kg	

Dimensional drawing

iColor Flex MX gen2

16 mm (.63 in)

9 mm 75 in)

iColor Flex MX gen2

BGC494 50 RGB TSDM12 BK

RGB - 50 pcs - Transparent dome 12 inch separated - Black

iColor Flex MX gen2 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. iColor Flex MX gen2 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.

Product data

General Information		Color	Black
Number of light sources	50 pcs		
Lamp family code	LED-MD [LED Multi-die]	Approval and Application	-
Light source color	RGB	Ingress protection code	IP66 [Du
Light source replaceable	Yes	-	proof]
Driver included	No		
Optical cover/lens type	Transparent dome 12 inch separated	Initial Performance (IEC Compliant)	
Luminaire light beam spread	165°	Initial LED luminaire efficacy	8 lm/W
CE mark	CE mark	Initial input power	0.5 W
Operating and Electrical	-	Over Time Performance (IEC Complian	nt)
Input Voltage	7.5 V	Useful life L80B10	60000 h
		Lumen Maintenance 50% at 25°C Calculated	60000
Controls and Dimming		Lumen Maintenance 50% at 25°C Reported	60000
Dimmable	Yes	Lumen Maintenance 50% at 50°C Calculated	60000
		Lumen Maintenance 50% at 50°C Reported	60000
Mechanical and Housing		Lumen Maintenance 70% at 25°C Calculated	60000
Housing Material	Polycarbonate	Lumen Maintenance 70% at 25°C Reported	60000
Optical cover/lens material	Polycarbonate	Lumen Maintenance 70% at 50°C Calculated	60000

Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-	
	proof]	
Initial Performance (IEC Compliant)		
Initial LED luminaire efficacy	8 lm/W	
Initial input power	0.5 W	
Over Time Performance (IEC Compliant)		
Useful life L80B10	60000 h	
Lumen Maintenance 50% at 25°C Calculated	60000	
Lumen Maintenance 50% at 25°C Reported	60000	
Lumen Maintenance 50% at 50°C Calculated	60000	
Lumen Maintenance 50% at 50°C Reported	60000	
Lumen Maintenance 70% at 25°C Calculated	60000	
Lumen Maintenance 70% at 25°C Reported	60000	



© 2019 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.

WIRA SRIWIJAYA

www.lighting.philips.com 2019, May 2 - data subject to change

Datasheet, 2019, May 2

data subject to change