PHILIPS Lighting

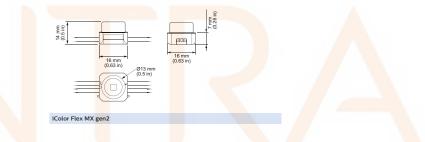


iColor Flex MX gen2

Lumen Maintenance 70% at 50°C Reported	60000
Application Conditions	
Ambient temperature range	-40 to +50 °C
Product Data	
Full product code	871829162297099
Order product name	BGC494 50 RGB CLDM12 BK
EAN/UPC - Product	8718291622970

Order code	912400130021	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	12	
Material Nr. (12NC)	912400130021	
Net Weight (Piece)	0.970 kg	

Dimensional drawing



WIRA SRIWIJAYA

iColor Flex MX gen2

BGC494 50 RGB CLDM12 BK

RGB - 50 pcs - Clear 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	Clear dome 12 inch separated	Initial Performance (IEC Compliant)	
Luminaire light beam spread	105°	Initial LED luminaire efficacy	12 lm/W
CE mark	CE mark	Initial input power	0.5 W
Operating and Electrical		Over Time Performance (IEC Complia	ant)
Input Voltage	7.5 V	Useful life L80B10	60000 h
		Lumen Maintenance 50% at 25°C Calculate	d 60000
Controls and Dimming		Lumen Maintenance 50% at 25°C Reported	60000
Dimmable	Yes	Lumen Maintenance 50% at 50°C Calculate	d 60000
		Lumen Maintenance 50% at 50°C Reported	60000
Mechanical and Housing		Lumen Maintenance 70% at 25°C Calculate	d 60000
Housing Material	Polycarbonate	Lumen Maintenance 70% at 25°C Reported	60000
Optical cover/lens material	Polycarbonate	Lumen Maintenance 70% at 50°C Calculate	d 60000

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Initial Performance (IEC Compliant)	
Initial LED luminaire efficacy	12 lm/W
Initial input power	0.5 W
Over Time Performance (IEC Complian	t)
Over Time Performance (IEC Complian Useful life L80B10	t) 60000 h
· · · · ·	60000 h
Useful life L80B10	60000 h
Useful life L80B10 Lumen Maintenance 50% at 25°C Calculated	60000 h 60000 60000
Useful life L80B10 Lumen Maintenance 50% at 25°C Calculated Lumen Maintenance 50% at 25°C Reported	60000 h 60000 60000
Useful life L80B10 Lumen Maintenance 50% at 25°C Calculated Lumen Maintenance 50% at 25°C Reported Lumen Maintenance 50% at 50°C Calculated	60000 h 60000 h 60000 60000 60000 60000

Black

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

Datasheet, 2019, May 2

data subject to change