



iColor Flex MX gen2

iColor Flex MX gen2, Clear Dome Lens, Black Housing, 4 in On-Center Node Spacing

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When designers need high-brightness RGB direct-view accent lighting, or need to design creative mid/low-resolution video displays, iColor Flex MX gen2 provides flexible strands of large high-intensity LED nodes. Each Flex MX 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	CLDM4 [Clear dome 4 inch separated]
Luminaire light beam spread	105°
CE mark	CE mark
Operating and electrical	
Input Voltage	7.5 V
Controls and dimming	
Dimmable	Yes
Mechanical and housing	-
Housing material	Polycarbonate

Optical cover/lens material	Polycarbonate	
Colour	Black	
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 compliant)		
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	

Datasheet, 2022, September 15 data subject to change

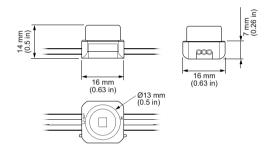
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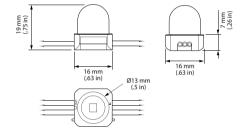
Lumen Maintenance 70% at 50 °C Calculated 60000		
Lumen Maintenance 70% at 50 °C Reported	60000	
Application conditions		
Ambient temperature range	-40 to +50 ℃	
Product data		
Full product code	871829162296399	
Order product name	BGC494 50 RGB CLDM4 BK	
EAN/UPC – product	8718291622963	
Order code	101-000076-06	

SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	912400130020
Net Weight (Piece)	0.692 kg
Commercial Code	101-000076-06
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Dimensional drawing





BGC494 50 RGB CLDM4 BK

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