



# iColor Flex MX gen2

## iColor Flex MX gen2, Clear Dome Lens, Black Housing, 12 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     | CLDM12 [ Clear dome 12 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

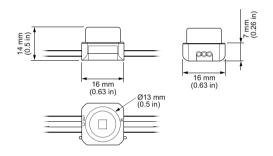
### iColor Flex MX gen2

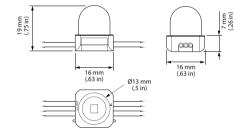
| Lumen Maintenance 70% at 50 °C Calculated 60000 |                         |  |
|-------------------------------------------------|-------------------------|--|
| Lumen Maintenance 70% at 50 °C Reported         | 60000                   |  |
|                                                 |                         |  |
| Application conditions                          |                         |  |
| Ambient temperature range                       | -40 to +50 ℃            |  |
|                                                 |                         |  |
| Product data                                    |                         |  |
| Full product code                               | 871829162297099         |  |
| Order product name                              | BGC494 50 RGB CLDM12 BK |  |
| EAN/UPC – product                               | 8718291622970           |  |
| Order code                                      | 101-000076-07           |  |

| SAP numerator – quantity per pack | 1                                     |
|-----------------------------------|---------------------------------------|
| Numerator – packs per outer box   | 12                                    |
| SAP material                      | 912400130021                          |
| Net Weight (Piece)                | 1.017 kg                              |
| Commercial Code                   | 101-000076-07                         |
| Commercial Code                   | iColor Flex MX gen2, Clear Dome Lens, |
|                                   | Black Housing, 12 in On-Center Node   |
|                                   | Spacing                               |
|                                   |                                       |



#### Dimensional drawing





BGC494 50 RGB CLDM12 BK

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