



# iColor Flex LMX gen2

## iColor Flex LMX gen2, Narrow Beam 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 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]                        |
| Light source colour                                   | RGB  |
| Light source replaceable                              | Yes  |
| Driver included                                       | No   |
| Optical cover/lens type                               | PC-UV [ Polycarbonate bowl/cover UV-resistant] |
| Luminaire light beam spread                           | 36°  |
| CE mark   | CE mark  |
| Light Technical                                       |  |
| Luminous intensity (peak value) on beam axis per node | 28.7 cd  |
| Operating and Electrical                              |  |
| Input Voltage   | 24 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 luminous flux (system flux) | 28 lm   |
| Initial LED luminaire efficacy      | 27.9 lm/W                                     |
| Initial input power                 | 1 W   |

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## Over Time Performance (IEC Compliant)

|   |        |
|---|--------|
| Lumen Maintenance 50% at 25 °C Calculated | 100000 |
| 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 | 56000  |
| Lumen Maintenance 70% at 25 °C Reported   | 56000  |
| Lumen Maintenance 70% at 50 °C Calculated | 56000  |
| Lumen Maintenance 70% at 50 °C Reported   | 56000  |

## Application Conditions

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

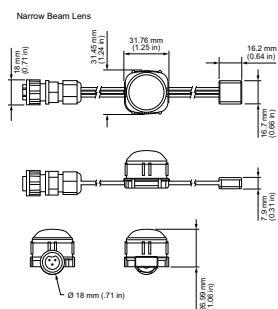
## Product Data

|                   |                 |
|-------------------|-----------------|
| Full product code | 871869921461699 |
|-------------------|-----------------|

|                                   |  |
|-----------------------------------|--|
| Order product name                | BGC495 50 RGB NRRW BK P102   |
| EAN/UPC – product                 | 8718699214616  |
| Order code                        | 101-000077-09  |
| SAP numerator – quantity per pack | 1  |
| Numerator – packs per outer box   | 6  |
| SAP material                      | 912400135778   |
| SAP net weight (piece)            | 0.750 kg   |
| Commercial Code                   | 101-000077-09  |
| Catalogue number description      | iColor Flex LMX gen2, Narrow Beam<br>Lens, Black Housing, 4 in On-Center<br>Node Spacing |

IP 66

## Dimensional drawing



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