PHILIPS Lighting

iColor Flex LMX gen2

BGC495 50 RGB TSDM4 BK

RGB - 50 pcs - Transparent dome 4 inch separated - Black

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]
Lamp colour code	RGB
Light source replaceable	Yes
Driver included	No
Optical cover/lens type	TSDM4 [Transparent dome 4 inch separated]
Luminaire light beam spread	165°
CE mark	CE mark

Light Technical

Luminous intensity (peak value) on beam axis per node	2.2 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	13 lm
Initial LED luminaire efficacy	13 lm/W
Initial input power	1 W

Over Time Performance (IEC Compliant)

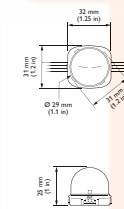|	
Useful life L80B10	60000 h
Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	60000
Lumen Maintenance 50% at 50°C Calculated	100000
Lumen Maintenance 50% at 50°C Reported	60000
Lumen Maintenance 70% at 25°C Calculated	100000

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Lumen Maintenance 70% at 25°C Reported	60000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	60000

Application Conditions

Ambient temperature range	-40 to +50 °C

Product Data

Full product code	871829162310699
Order product name	BGC495 50 RGB TSDM4 BK

EAN/UPC – product	8718291623106
Order code	912400130026
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	912400130026
Net weight (piece)	0.980 kg

Dimensional drawing

Translucent Dome Lens

32 mm (1.25 in)
31 mm (1.2 in)
Ø 29 mm (1.1 in)
31 mm (1.2 in)
25 mm (1 in)

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data subject to change