



iColor Flex LMX gen2

BGC495 50 RGB NRRW WH P102

iColor Flex LMX gen2, Narrow Beam Lens, White Housing, 4 in On-Center Node Spacing

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	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	28.7 cd
per node	
Operating and Electrical	
Input Voltage	24 V

Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Housing material	Polycarbonate	
Optical cover/lens material	Polycarbonate	
Colour	White	
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	
Over Time Performance (IEC Compliant)		
Lumen Maintenance 50% at 25 °C Calculated	100000	

Datasheet, 2021, December 9 data subject to change

iColor Flex LMX gen2

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	871869921463099

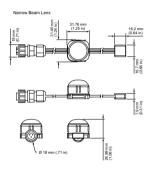
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EAN/UPC – product	8718699214630
Order code	101-000077-11
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	912400135780
SAP net weight (piece)	0.750 kg
Commercial Code	101-000077-11
Catalogue number description	iColor Flex LMX gen2, Narrow Beam
	Lens, White Housing, 4 in On-Center
	Node Spacing



Dimensional drawing

Order product name



iColor Flex LMX gen2



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