PHILIPS Lighting



eW Flex Micro

eW Flex Micro, 4000 K, Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing

eW Flex Micro, 4000 K, Translucent Dome Lens, White Housing, 12 in On-Center Node Spacing

eW Flex Micro is a versatile strand of 50 small, individually controllable LED nodes. The flexible form factor allows dynamic points of white light to be installed across nearly any interior or exterior surface, including walls, ceilings, floors, threedimensional sculptures and set pieces. eW Flex Micro can also light tight alcove spaces and signage, and in certain cases, can even display video.

Product data

General information	
Number of light sources	50 [50 pcs]
Lamp family code	LED-MD [LED Multi-die]
Lamp colour code	Neutral white
Light source replaceable	No
Driver included	Yes
Optic type	WB [Wide beam]
Optical cover/lens type	TSDM12 [Transparent dome 12 inch
	separated]
CE mark	CE mark
ENEC mark	-
UL mark	UL and cUL mark
Product recyclability	100%
EU RoHS compliant	No
Light technical	
On-axis intensity in candela	3.7

Luminance per node	18.2
Operating and electrical	
Input Voltage	24 V
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Housing material	Polycarbonate
Optic material	Polycarbonate
Colour	White
Approval and application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK09 [10 J]

eW Flex Micro

FCC mark	FCC Class A	
Initial performance (IEC compliant)		
Lamp colour temperature	4000 K	
Initial input power	25 W	
Over time performance (IEC compliant)		
Lumen Maintenance 70% at 25 °C Calculated	100000	
Lumen Maintenance 70% at 25 °C Reported	60000	
Lumen Maintenance 70% at 50 °C Calculated	100000	
Lumen Maintenance 70% at 50 °C Reported	60000	
Lumen Maintenance 80% at 25 °C Calculated	90000	
Lumen Maintenance 80% at 25 °C Reported	60000	
Lumen Maintenance 80% at 50 °C Calculated	61000	
Lumen Maintenance 80% at 50 °C Reported	60000	
Lumen Maintenance 90% at 25 °C Calculated	38000	
Lumen Maintenance 90% at 25 °C Reported	38000	
Lumen Maintenance 90% at 50 °C Calculated	27000	
Lumen Maintenance 90% at 50 °C Reported	27000	

Application conditions	
Ambient temperature range	-30 to +50 ℃
Product data	
Full product code	871829163927599
Order product name	BGC482 50 4000K TSDM12 WH
EAN/UPC – product	8718291639275
Order code	500-000011-30
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	912400130474
Net Weight (Piece)	0.992 kg
Commercial Code	500-000011-30
Commercial Code	eW Flex Micro, 4000 K, Translucent
	Dome Lens, White Housing, 12 in On-
	Center Node Spacing

Dimensional drawing



BGC482 50 4000K TSDM12 WH



IP 66 K 09

© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2022, December 15 - data subject to change