PHILIPS

Lighting



eW Flex Micro

BGC482 50 2700K CLDM12 BK

2700 K - 50 pcs - Clear dome 12 inch separated - Black

eW Flex Micro is a versatile strand of small, individually controllable white- light LED nodes. The flexible form factor allows dynamic points of white light to be installed across almost any interior or exterior surface, including walls, ceilings, floors, and three-dimensional sculptures. eW Flex Micro can also be used to light tight alcove spaces and signage.

Product data

General Information	
Number of light sources	50 [50 pcs]
Lamp family code	LED-MD [LED Multi-die]
Light source colour	Warm white
Light source replaceable	No
Driver included	Yes
Optic type	WB [Wide beam]
Optical cover/lens type	CLDM12 [Clear dome 12 inch separated]
CE mark	CE mark
ENEC mark	-
UL mark	UL and cUL mark
FCC mark	FCC Class A
Product recyclability	100%
RoHS mark	-

Light Technical	
On-axis intensity in candela	10.1

Operating and Electrical	
Input voltage	24 V

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Polycarbonate
Optic material	Polycarbonate

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]

Initial Performance (IEC Compliant)	
Init. Corr. colour temperature	2700 K
Initial input power	25 W

eW Flex Micro

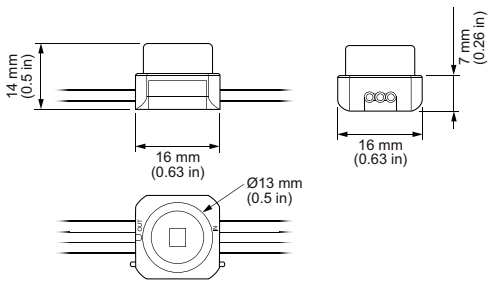
Over Time Performance (IEC Compliant)	
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	60000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	60000
Lumen Maintenance 80% at 25°C Calculated	90000
Lumen Maintenance 80% at 25°C 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 °C

Product Data	
Full product code	871829163902299
Order product name	BGC482 50 2700K CLDM12 BK
EAN/UPC – product	8718291639022
Order code	63902299
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	912400130449
Net weight (piece)	1.480 kg

IK 09

Dimensional drawing



eW Flex SLX

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