PHILIPS Lighting

eW Flex Compact

eW Flex Compact, 4000 K, Translucent Dome Lens, White Housing, 12 in on-center node spacing

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eW Flex Compact is a versatile strand of large, 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 Compact 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 replaceable	No
Driver included	No
Optical cover/lens type	TSDM12 [Transparent dome 12 inch separated]
CE mark	CE mark
ENEC mark	–
UL mark	UL mark
Product recyclability	100%
EU RoHS compliant	No

Light technical

Luminance per node	12106 cd/m²

Luminous intensity (peak value) on beam axis per node	8 cd

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]

eW Flex Compact

Mech. impact protection code	IK10 [20 J vandal-resistant]
FCC mark	FCC Class A

Initial performance (IEC compliant)

Init. Corr. Colour Temperature	4000 K
Initial input power	1 W

Over time performance (IEC compliant)

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
Lumen Maintenance 80% at 25 °C Calculated	37000
Lumen Maintenance 80% at 25 °C Reported	37000
Lumen Maintenance 80% at 50 °C Calculated	37000
Lumen Maintenance 80% at 50 °C Reported	37000
Lumen Maintenance 90% at 25 °C Calculated	20000
Lumen Maintenance 90% at 25 °C Reported	20000
Lumen Maintenance 90% at 50 °C Calculated	20000
Lumen Maintenance 90% at 50 °C Reported	20000

Application conditions

Ambient temperature range	-40 to +50 °C

Product data

Full product code	871829164607599
Order product name	BGC481 50 4000K TSDM12 WH
EAN/UPC – product	8718291646075
Order code	500-000012-30
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	912400130649
Net Weight (Piece)	1.500 kg
Commercial Code	500-000012-30
Catalogue number description	eW Flex Compact, 4000 K, Translucent Dome Lens, White Housing, 12 in on-center node spacing

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www.lighting.philips.com

2022, December 15 – data subject to change