PHILIPS Lighting

eW Flex Compact

BGC481 50 2700K CLFT4 BK

2700 K – 50 pcs – Clear flat 4 inch separated – Black

eW Flex Compact is a versatile strand of 50 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, three-dimensional sculptures, and set pieces. eW Flex Compact 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 pcs
Lamp family code	LED-MD [LED Multi-die]
Light source replaceable	No
Driver included	No
Optical cover/lens type	Clear flat 4 inch separated
CE mark	CE mark
ENEC mark	–
UL mark	UL mark
Product recyclability	100%
RoHS mark	–

Light Technical

Luminous intensity (peak value) on beam axis per node	29.8 cd

Operating and Electrical

Input Voltage	24 V

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Material	Polycarbonate
Optic material	Polycarbonate
Color	Black

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	2700 K
Initial input power	50 W

Over Time Performance (IEC Compliant)

Lumen Maintenance 70% at 25°C Calculated	56000
Lumen Maintenance 70% at 25°C Reported	56000

eW Flex Compact

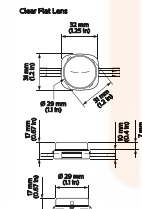|	
Lumen Maintenance 70% at 50°C Calculated	56000
Lumen Maintenance 70% at 50°C Reported	56000
Lumen Maintenance 80% at 25°C Calculated	37000
Lumen Maintenance 80% at 25°C Reported	37000
Lumen Maintenance 80% at 50°C Calculated	37000
Lumen Maintenance 80% at 50°C Reported	37000
Lumen Maintenance 90% 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	871829164578899
Order product name	BGC481 50 2700K CLFT4 BK
EAN/UPC – Product	8718291645788
Order code	912400130620
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	6
Material Nr. (12NC)	912400130620
Net Weight (Piece)	0.980 kg

Dimensional drawing

Clear Flat Lens

eW Flex SLX

Datasheet, 2019, May 2
data subject to change
www.lighting.philips.com
2019, May 2 – data subject to change