PHILIPS Lighting

eW Flex Compact

BGC481 50 2700K TSDM12 BK

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

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%
RoHS mark	-

Light Technical

Luminous intensity (peak value) on beam axis per node	7 cd

Operating and Electrical

Input voltage	24 V

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing material	Polycarbonate
Optic material	Polycarbonate
Colour	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. colour temperature	2700 K
Initial input power	50 W

Over Time Performance (IEC Compliant)

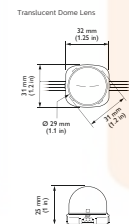|	
Lumen Maintenance 70% at 25°C Calculated	56000
Lumen Maintenance 70% at 25°C Reported	56000

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	871829164584999
Order product name	BGC481 50 2700K TSDM12 BK
EAN/UPC – product	8718291645849
Order code	64584999
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	912400130626
Net weight (piece)	1.500 kg

Dimensional drawing

Translucent Dome Lens

32 mm (1.25 in)
31 mm (1.2 in)
Ø 29 mm (1.1 in)
31 mm (1.2 in)
25 mm (1 in)

eW Flex SLX