PHILIPS

Lighting



eW Flex Compact

eW Flex Compact, 2700 K, Translucent Dome Lens, Black 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	10660 cd/m²
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]

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	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
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	500-000012-07
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	912400130626
Net Weight (Piece)	1.500 kg
Commercial Code	500-000012-07
Catalogue number description	eW Flex Compact, 2700 K, Translucent Dome Lens, Black Housing, 12 in on-center node spacing

IP66

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