



# 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

Datasheet, 2019, May 2

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	7 cd
per node	
Operating and Electrical	
Input voltage	24 V

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				eW Flex SLX			
TN	LANT	RA	WI				
T . TA	Controls and Dimming	1 1	A A "II"				
[ 50 pcs]	Dimmable	Yes					
D-MD [ LED Multi-die]			_				
	Mechanical and Housing						
	Housing material	Polycarbonate	_				
DM12 [ Transparent dome 12 inch	Optic material	Polycarbonate	_				
parated]	Colour	Black					
mark							
	Approval and Application		_				
mark	Ingress protection code	IP66 [ Dust penetration-protected, jet	t-				
0%		proof]					
	Mech. impact protection code	IK10 [ 20 J vandal-resistant]	_				
						<b>PHILIPS</b>	
	Initial Performance (IEC Compliant)						
d	Init. Corr. colour temperature	2700 K					
	Initial input power	50 W	_				
						<b>T</b>	
	Over Time Performance (IEC Compliant)						
V	Lumen Maintenance 70% at 25°C Calculated	56000					
	Lumen Maintenance 70% at 25°C Reported	56000	_				
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data subject to change

### **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

-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

Application Conditions Ambient temperature range







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