



eW Flex Compact

eW Flex Compact, 3500 K, Translucent Dome Lens, White Housing, 4 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	TSDM4 [Transparent dome 4 inch
	separated]
CE mark	CE mark
ENEC mark	-
UL mark	UL mark
Product recyclability	100%
EU RoHS compliant	No
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]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Initial Performance (IEC Compliant)	
Init. Corr. Colour Temperature	3500 K
Initial input power	50 W

Datasheet, 2021, September 13 data subject to change

eW Flex Compact

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 2	20000	
Lumen Maintenance 90% at 50 °C Reported	20000	
Application Conditions		

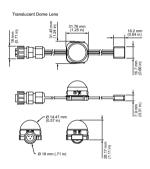
-40 to +50 °C

Product Data	
Full product code	871829164595599
Order product name	BGC481 50 3500K TSDM4 WH
EAN/UPC – product	8718291645955
Order code	500-000012-18
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	912400130637
SAP net weight (piece)	0.980 kg
Commercial Code	500-000012-18
Catalogue number description	eW Flex Compact, 3500 K, Translucent
	Dome Lens, White Housing, 4 in on-
	center node spacing



Dimensional drawing

Ambient temperature range



eW Flex SLX



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