PHILIPS Lighting



eW Flex Compact

eW Flex Compact, 6500 K, Translucent Dome Lens, White Housing, 12 in on-center node spacing

eW Flex Compact, 6500 K, Translucent Dome Lens, White Housing, 12 in on-center node spacing

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
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	6500 K
Initial input power	1 W

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

-40 to +50 °C

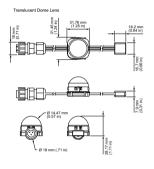
Product Data	
Full product code	871829164623599
Order product name	BGC481 50 6500K TSDM12 WH
EAN/UPC – product	8718291646235
Order code	500-000012-46
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	912400130665
SAP net weight (piece)	1.500 kg
Commercial Code	500-000012-46
Catalogue number description	eW Flex Compact, 6500 K, Translucent
	Dome Lens, White Housing, 12 in on-
	center node spacing

Application Conditions

Ambient temperature range

IP 66

Dimensional drawing



eW Flex SLX



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