PHILIPS Lighting



eW Flex Compact

eW Flex Compact, 3500 K, Translucent Dome Lens, White Housing, 12 in on-center node spacing

eW Flex Compact, 3500 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	3500 K	
Initial input power	50 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	871829164599399	
Order product name	BGC481 50 3500K TSDM12 WH	
EAN/UPC – product	8718291645993	
Order code	500-000012-22	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	6	
SAP material	912400130641	
SAP net weight (piece)	1.500 kg	
Commercial Code	500-000012-22	
Catalogue number description	eW Flex Compact, 3500 K, Translucent	
	Dome Lens, White Housing, 12 in on-	
	center node spacing	

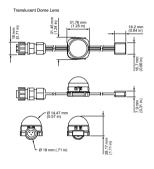
Application Conditions

Ambient temperature range

ture range

IP 66	

Dimensional drawing



eW Flex SLX



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