PHILIPS Lighting



eW Flex Compact

eW Flex Compact, 6500 K, Clear Flat Lens, White Housing, 12 in On-Center Node Spacing

eW Flex Compact, 6500 K, Clear Flat 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	CLFT12 [Clear flat 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

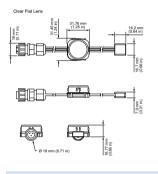
Product Data		
Full product code	871829164621199	
Order product name	BGC481 50 6500K CLFT12 WH	
EAN/UPC – product	8718291646211	
Order code	500-000012-44	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	6	
SAP material	912400130663	
SAP net weight (piece)	1.500 kg	
Commercial Code	500-000012-44	
Catalogue number description	eW Flex Compact, 6500 K, Clear Flat	
	Lens, White Housing, 12 in On-Center	
	Node Spacing	

Application Conditions

Ambient temperature range

IP 66	

Dimensional drawing



eW Flex SLX



© 2021 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2021, September 13 - data subject to change