



# UNILinear Flex

## BGC301 800LM 5000K L5000

UNILinear Flex - 4000 lm - 36 W - 5000 K

UNILinear Flex are extremely waterproof and anti-dust LED strips with professional design to guarantee lighting performance. Thanks to an anti-UV polyurethane filling and processing using irrigation method sealing glue, it not only ensures a high quality of lighting colour consistency but also protects outdoor products against harsh environments. It can be used for decoration lighting and guidance lighting outdoors, the higher CRI (80) delivers good performance of lighting in colour rendering.

### Product data

General Information		Light source engine type	
Lamp family code	-	Light source engine type	LED
Lamp colour code	850 neutral white	Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Light source replaceable	No	<b>Light Technical</b>	
Driver/power unit/transformer	PSU-E [ Power supply unit external (PSU)]	Standard tilt angle post-top	-
Driver included	No	Standard tilt angle side entry	-
Optical cover/lens type	Without lens	<b>Operating and Electrical</b>	
Luminaire light beam spread	110°	Input Voltage	24 DC V
Control interface	depends on driver (1-10V, DALI...)	Input frequency	- Hz
Connection	Flying leads/wires	Power factor (min.)	1
Cable	Cable 1.0 m without plug (C1K)	<b>Controls and Dimming</b>	
Protection class IEC	Safety class III (III)	Dimmable	Yes
Flammability mark	D [ For mounting on easily flammable surfaces]	<b>Mechanical and Housing</b>	
CE mark	CE mark	Housing material	Silicon
Warranty period	3 years		
Constant light output	No		
Number of products on MCB (16 A type B)	120		

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Optical cover/lens material	Silicon tube
Mounting device	MBA [ Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	-
Overall length	5000 mm
Overall width	10 mm
Overall height	5 mm
Colour	Clear

## Approval and Application

Ingress protection code	IP68 [ Dust penetration-protected, pressure watertight]
Mech. impact protection code	IK06 [ 1 J]
Surge protection (common/differential)	Philips standard surge protection level kV

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	111 lm/W
Lamp colour temperature	5000 K
Colour Rendering Index	80

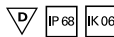
Initial chromaticity	(x=0.3422,y=0.3409) SDCM≤ 5
Initial input power	36 W
Power consumption tolerance	+/-10%

## Application Conditions

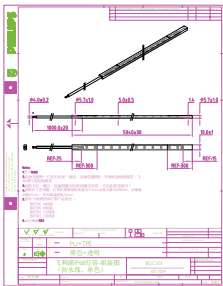
Ambient temperature range	-40 to +50 °C
Maximum dimming level	10% (depends on dimmer, ELV)

## Product Data

Full product code	692382862779900
Order product name	BGC301 800LM 5000K L5000
EAN/UPC – product	6923828627799
Order code	911401719712
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	911401719712
SAP net weight (piece)	0.380 kg



## Dimensional drawing



BGC301

