

# UNILinear Flex

## BGC301 800LM 2500K L5000

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	
Lamp family code	-
Lamp colour code	Warm white
Light source replaceable	No
Driver/power unit/transformer	PSU-E [ Power supply unit external (PSU)]
Driver included	No
Optical cover/lens type	Without lens
Luminaire light beam spread	110°
Control interface	depends on driver (1-10V, DALI...)
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug (C1K)
Protection class IEC	Safety class III (III)
Flammability mark	D [ For mounting on easily flammable surfaces]
CE mark	CE mark
Warranty period	3 years
Constant light output	No
Number of products on MCB (16 A type B)	120

Light source engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light Technical	
Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical	
Input Voltage	24 DC V
Input frequency	- Hz
Power factor (min.)	1

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Silicon

## UNILinear Flex

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	4000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	95 lm/W
Lamp colour temperature	2500 K
Colour Rendering Index	80

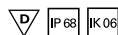
Initial chromaticity	(x=0.4755,y=0.4182) SDCM≤ 5
Initial input power	42 W
Power consumption tolerance	+/-10%

### Application Conditions

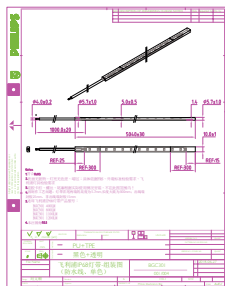
Ambient temperature range	-40 to +50 °C
Maximum dimming level	10% (depends on dimmer, ELV)

### Product Data

Full product code	692382862776800
Order product name	BGC301 800LM 2500K L5000
EAN/UPC – product	6923828627768
Order code	911401719682
Numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	911401719682
SAP net weight (piece)	0.380 kg



## Dimensional drawing



BGC301

