



# UNILinear Flexa real IP68 cove lighting with vivid colour

## UNILinear Flex

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.

### Benefits

- Real IP68 water-proof and vivid light colour Lower maintenance costs and fewer concerns re water invasion

### Features

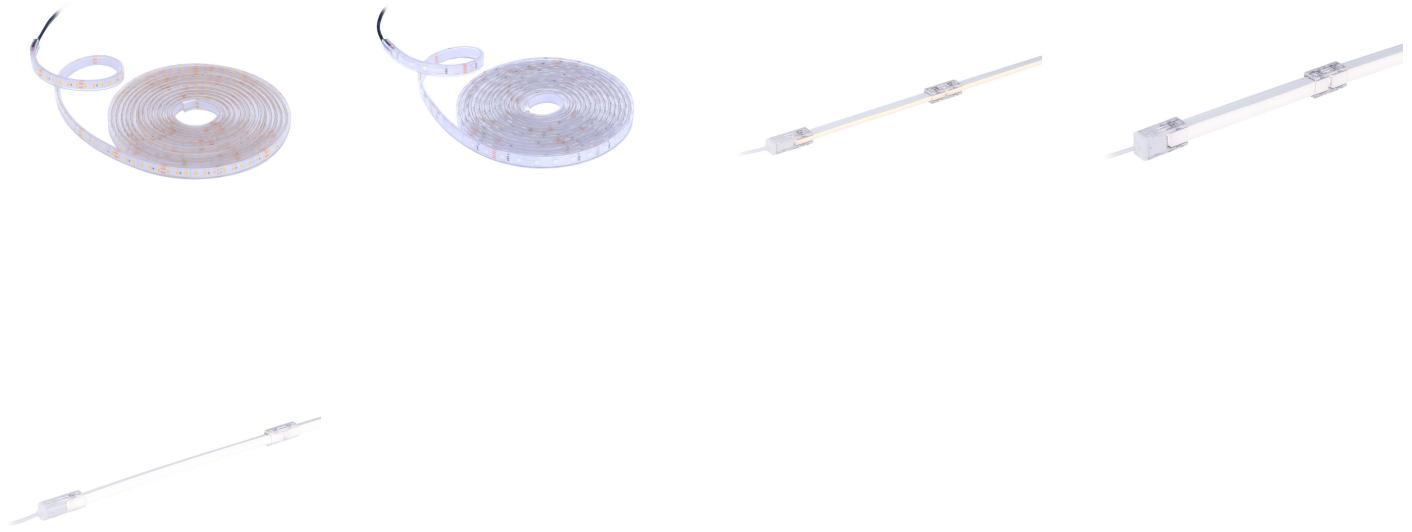
- IP68, sealed with anti-UV polyurethane without colour shifting and anti-UV ageing; Various lumen outputs from 400 lm to 1,200 lm per metre; Optional CCT 2,500 K/3,000 K/4,000 K/5,000 K/RGB for different applications; CRI80 for better vivid colour rendering; SDCM $\leq$  5, better colour consistency for visual comfort; DC 24VDC, Class III for safety use; Long lifespan 30 K hrs. L70B50@35 °C; Lead cable (1,000 mm) for connection; CB and CE certified;

### Application

- Decorative lighting Guidance lighting Swimming pool Cove lighting

# UNILinear Flex

## Versions



### General Information

CE mark	CE mark
Driver included	No

## Application Conditions

Order Code	Full Product Name	Maximum dim level
62772000	BGC301 400LM 2500K L5000	10% (depends on dimmer, ELV)
62773700	BGC301 400LM 3000K L5000	10% (depends on dimmer, ELV)
62774400	BGC301 400LM 4000K L5000	10% (depends on dimmer, ELV)
62775100	BGC301 400LM 5000K L5000	10% (depends on dimmer, ELV)
62776800	BGC301 800LM 2500K L5000	10% (depends on dimmer, ELV)
62777500	BGC301 800LM 3000K L5000	10% (depends on dimmer, ELV)
62778200	BGC301 800LM 4000K L5000	10% (depends on dimmer, ELV)
62779900	BGC301 800LM 5000K L5000	10% (depends on dimmer, ELV)
62780500	BGC301 1100LM 2500K L5000	10% (depends on dimmer, ELV)
62781200	BGC301 1100LM 3000K L5000	10% (depends on dimmer, ELV)
62782900	BGC301 1200LM 4000K L5000	10% (depends on dimmer, ELV)

Order Code	Full Product Name	Maximum dim level
62783600	BGC301 1200LM 5000K L5000	10% (depends on dimmer, ELV)
62784300	BGC301 RGB L5000	10% (depends on dimmer, ELV)
63723100	BGC401 400LM 10W 2700K L5 0612 S G	-
63724800	BGC401 400LM 10W 3000K L5 0612 S G	-
63725500	BGC401 650LM 10W 2700K L5 1515 T G	-
63726200	BGC401 650LM 10W 3000K L5 1515 T G	-
63730900	BGC401 550LM 7W 3500K L5 1515 S G	-
63731600	BGC401 900LM 14W 3500K L5 1515 T G	-
63727900	BGC401 1150LM 14W 2700K L5 1010 T G	-
63728600	BGC401 1150LM 14W 3000K L5 1010 T G	-
63729300	BGC401 1150LM 14W 4000K L5 1010 T G	-

## Approval and Application

Order Code	Full Product Name	Mech. impact	
		protection code	Surge Protection (Common/Differential)
62772000	BGC301 400LM 2500K L5000	IK06	Philips standard surge protection level kV

Order Code	Full Product Name	Mech. impact	
		protection code	Surge Protection (Common/Differential)
62773700	BGC301 400LM 3000K L5000	IK06	Philips standard surge protection level kV

Order Code	Full Product Name	Mech. impact	
		protection code	Surge Protection (Common/Differential)
62774400	BGC301 400LM 4000K L5000	IK06	Philips standard surge protection level kV
62775100	BGC301 400LM 5000K L5000	IK06	Philips standard surge protection level kV
62776800	BGC301 800LM 2500K L5000	IK06	Philips standard surge protection level kV
62777500	BGC301 800LM 3000K L5000	IK06	Philips standard surge protection level kV
62778200	BGC301 800LM 4000K L5000	IK06	Philips standard surge protection level kV
62779900	BGC301 800LM 5000K L5000	IK06	Philips standard surge protection level kV
62780500	BGC301 1100LM 2500K L5000	IK06	Philips standard surge protection level kV
62781200	BGC301 1100LM 3000K L5000	IK06	Philips standard surge protection level kV
62782900	BGC301 1200LM 4000K L5000	IK06	Philips standard surge protection level kV
62783600	BGC301 1200LM 5000K L5000	IK06	Philips standard surge protection level kV

Order Code	Full Product Name	Mech. impact	
		protection code	Surge Protection (Common/Differential)
62784300	BGC301 RGB L5000	IK06	Philips standard surge protection level kV
63723100	BGC401 400LM 10W 2700K L5 0612 S G	IK04	-
63724800	BGC401 400LM 10W 3000K L5 0612 S G	IK04	-
63725500	BGC401 650LM 10W 2700K L5 1515 T G	IK04	-
63726200	BGC401 650LM 10W 3000K L5 1515 T G	IK04	-
63730900	BGC401 550LM 7W 3500K L5 1515 S G	IK04	-
63731600	BGC401 900LM 14W 3500K L5 1515 T G	IK04	-
63727900	BGC401 1150LM 14W 2700K L5 1010 T G	IK04	-
63728600	BGC401 1150LM 14W 3000K L5 1010 T G	IK04	-
63729300	BGC401 1150LM 14W 4000K L5 1010 T G	IK04	-

## Controls and Dimming

Order Code	Full Product Name	Dimmable
62772000	BGC301 400LM 2500K L5000	Yes
62773700	BGC301 400LM 3000K L5000	Yes
62774400	BGC301 400LM 4000K L5000	Yes
62775100	BGC301 400LM 5000K L5000	Yes
62776800	BGC301 800LM 2500K L5000	Yes
62777500	BGC301 800LM 3000K L5000	Yes
62778200	BGC301 800LM 4000K L5000	Yes
62779900	BGC301 800LM 5000K L5000	Yes
62780500	BGC301 1100LM 2500K L5000	Yes
62781200	BGC301 1100LM 3000K L5000	Yes
62782900	BGC301 1200LM 4000K L5000	Yes

Order Code	Full Product Name	Dimmable
62783600	BGC301 1200LM 5000K L5000	Yes
62784300	BGC301 RGB L5000	Yes
63723100	BGC401 400LM 10W 2700K L5 0612 S G	No
63724800	BGC401 400LM 10W 3000K L5 0612 S G	No
63725500	BGC401 650LM 10W 2700K L5 1515 T G	No
63726200	BGC401 650LM 10W 3000K L5 1515 T G	No
63730900	BGC401 550LM 7W 3500K L5 1515 S G	No
63731600	BGC401 900LM 14W 3500K L5 1515 T G	No
63727900	BGC401 1150LM 14W 2700K L5 1010 T G	No
63728600	BGC401 1150LM 14W 3000K L5 1010 T G	No
63729300	BGC401 1150LM 14W 4000K L5 1010 T G	No

## General Information

Order Code	Full Product Name	Luminaire light		Optical cover/lens		Lamp family	Light source
		beam spread	Light source colour	type	Flammability mark	code	replaceable
62772000	BGC301 400LM 2500K L5000	110°	Warm white	Without lens	D	-	No
62773700	BGC301 400LM 3000K L5000	110°	830 warm white	Without lens	D	-	No
62774400	BGC301 400LM 4000K L5000	110°	840 neutral white	Without lens	D	-	No
62775100	BGC301 400LM 5000K L5000	110°	850 neutral white	Without lens	D	-	No
62776800	BGC301 800LM 2500K L5000	110°	Warm white	Without lens	D	-	No
62777500	BGC301 800LM 3000K L5000	110°	830 warm white	Without lens	D	-	No
62778200	BGC301 800LM 4000K L5000	110°	840 neutral white	Without lens	D	-	No
62779900	BGC301 800LM 5000K L5000	110°	850 neutral white	Without lens	D	-	No
62780500	BGC301 1100LM 2500K L5000	110°	Warm white	Without lens	D	-	No

Order Code	Full Product Name	Luminaire light		Optical cover/lens		Lamp family	Light source
		beam spread	Light source colour	type	Flammability mark	code	replaceable
62781200	BGC301 1100LM 3000K L5000	110°	830 warm white	Without lens	D	-	No
62782900	BGC301 1200LM 4000K L5000	110°	840 neutral white	Without lens	D	-	No
62783600	BGC301 1200LM 5000K L5000	110°	850 neutral white	Without lens	D	-	No
62784300	BGC301 RGB L5000	110°	RGB	Without lens	D	-	No
63723100	BGC401 400LM 10W 2700K L5 0612 S G -		927 warm white	O	-	-	-
63724800	BGC401 400LM 10W 3000K L5 0612 S G -		930 warm white	O	-	-	-
63725500	BGC401 650LM 10W 2700K L5 1515 T G -		927 warm white	O	-	-	-
63726200	BGC401 650LM 10W 3000K L5 1515 T G -		930 warm white	O	-	-	-
63730900	BGC401 550LM 7W 3500K L5 1515 S G -		935 warm white	O	-	-	-
63731600	BGC401 900LM 14W 3500K L5 1515 T G -		935 warm white	O	-	-	-
63727900	BGC401 1150LM 14W 2700K L5 1010 T G -		927 warm white	O	-	-	-
63728600	BGC401 1150LM 14W 3000K L5 1010 T G -		930 warm white	O	-	-	-
63729300	BGC401 1150LM 14W 4000K L5 1010 T G -		940 neutral white	O	-	-	-

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
62772000	BGC301 400LM 2500K L5000	2500 K	80	2000 lm
62773700	BGC301 400LM 3000K L5000	3000 K	80	2000 lm
62774400	BGC301 400LM 4000K L5000	4000 K	80	2000 lm
62775100	BGC301 400LM 5000K L5000	5000 K	80	2000 lm
62776800	BGC301 800LM 2500K L5000	2500 K	80	4000 lm
62777500	BGC301 800LM 3000K L5000	3000 K	80	4000 lm
62778200	BGC301 800LM 4000K L5000	4000 K	80	4000 lm
62779900	BGC301 800LM 5000K L5000	5000 K	80	4000 lm
62780500	BGC301 1100LM 2500K L5000	2500 K	80	5500 lm
62781200	BGC301 1100LM 3000K L5000	3000 K	80	5500 lm
62782900	BGC301 1200LM 4000K L5000	4000 K	80	6000 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
62783600	BGC301 1200LM 5000K L5000	5000 K	80	6000 lm
62784300	BGC301 RGB L5000	- K	N.A.	2300 lm
63723100	BGC401 400LM 10W 2700K L5 0612 S G	2700 K	>90	1500 lm
63724800	BGC401 400LM 10W 3000K L5 0612 S G	3000 K	>90	2000 lm
63725500	BGC401 650LM 10W 2700K L5 1515 T G	2700 K	>90	3250 lm
63726200	BGC401 650LM 10W 3000K L5 1515 T G	3000 K	>90	3250 lm
63730900	BGC401 550LM 7W 3500K L5 1515 S G	3500 K	>90	2750 lm
63731600	BGC401 900LM 14W 3500K L5 1515 T G	3500 K	>90	4500 lm
63727900	BGC401 1150LM 14W 2700K L5 1010 T G	2700 K	>90	5500 lm
63728600	BGC401 1150LM 14W 3000K L5 1010 T G	3000 K	>90	5750 lm
63729300	BGC401 1150LM 14W 4000K L5 1010 T G	4000 K	>90	6000 lm

## Light Technical

Order Code	Full Product Name	Standard tilt	
		angle side entry	Standard tilt angle posttop
62772000	BGC301 400LM 2500K L5000	-	-
62773700	BGC301 400LM 3000K L5000	-	-
62774400	BGC301 400LM 4000K L5000	-	-

Order Code	Full Product Name	Standard tilt	
		angle side entry	Standard tilt angle posttop
62775100	BGC301 400LM 5000K L5000	-	-
62776800	BGC301 800LM 2500K L5000	-	-
62777500	BGC301 800LM 3000K L5000	-	-

## UNILinear Flex

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
62778200	BGC301 800LM 4000K L5000	-	-
62779900	BGC301 800LM 5000K L5000	-	-
62780500	BGC301 1100LM 2500K L5000	-	-
62781200	BGC301 1100LM 3000K L5000	-	-
62782900	BGC301 1200LM 4000K L5000	-	-
62783600	BGC301 1200LM 5000K L5000	-	-
62784300	BGC301 RGB L5000	-	-
63723100	BGC401 400LM 10W 2700K L5 0612 S G	-	-
63724800	BGC401 400LM 10W 3000K L5 0612 S	-	-

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Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
63725500	BGC401 650LM 10W 2700K L5 1515 T G	-	-
63726200	BGC401 650LM 10W 3000K L5 1515 T G	-	-
63730900	BGC401 550LM 7W 3500K L5 1515 S G	-	-
63731600	BGC401 900LM 14W 3500K L5 1515 T G	-	-
63727900	BGC401 1150LM 14W 2700K L5 1010 T G	-	-
63728600	BGC401 1150LM 14W 3000K L5 1010 T G	-	-
63729300	BGC401 1150LM 14W 4000K L5 1010 T G	-	-

### Mechanical and Housing

Order Code	Full Product Name	Colour
62772000	BGC301 400LM 2500K L5000	Clear
62773700	BGC301 400LM 3000K L5000	Clear
62774400	BGC301 400LM 4000K L5000	Clear
62775100	BGC301 400LM 5000K L5000	Clear
62776800	BGC301 800LM 2500K L5000	Clear
62777500	BGC301 800LM 3000K L5000	Clear
62778200	BGC301 800LM 4000K L5000	Clear
62779900	BGC301 800LM 5000K L5000	Clear
62780500	BGC301 1100LM 2500K L5000	Clear
62781200	BGC301 1100LM 3000K L5000	Clear
62782900	BGC301 1200LM 4000K L5000	Clear

Order Code	Full Product Name	Colour
62783600	BGC301 1200LM 5000K L5000	Clear
62784300	BGC301 RGB L5000	Clear
63723100	BGC401 400LM 10W 2700K L5 0612 S G	White
63724800	BGC401 400LM 10W 3000K L5 0612 S G	White
63725500	BGC401 650LM 10W 2700K L5 1515 T G	White
63726200	BGC401 650LM 10W 3000K L5 1515 T G	White
63730900	BGC401 550LM 7W 3500K L5 1515 S G	White
63731600	BGC401 900LM 14W 3500K L5 1515 T G	White
63727900	BGC401 1150LM 14W 2700K L5 1010 T G	White
63728600	BGC401 1150LM 14W 3000K L5 1010 T G	White
63729300	BGC401 1150LM 14W 4000K L5 1010 T G	White

