



# Create beautiful coving with flexible, tunable and energy-efficient LED strip lighting

## Flex Cove G6

Philips Flex Cove G6 is the latest generation of our popular LED cove lighting. This comprehensive new family of flexible strip lights are designed to follow straight lines or curves to create beautiful ambiances that highlight architectural details. Both SPEC fighter and COST fighter are available within the family. As customizable cove lighting strips, SPEC fighter range also promise excellent energy-saving performance, superb lighting uniformity, and color consistency. All with a long lifetime that promises less lumen decay or color shifts. So with Flex Cove G6, you can flex your accent lighting to suit the requirements of any project - beautifully.

### Benefits

- Energy-efficient LED cove lighting
- Flexible design for straight lines or curves
- Excellent lighting uniformity with color consistency
- A long lifetime of quality and reliability

### Features

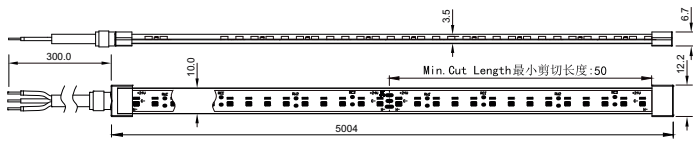
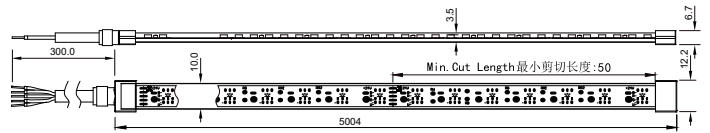
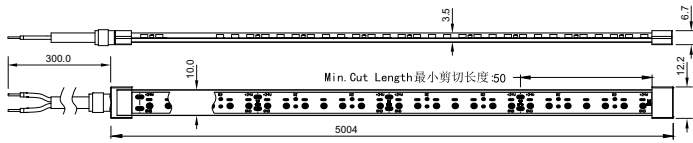
- Up to 138lm/W for energy-efficient performance
- 400lm – 3000lm options available, both with a choice of CRI 80 or CRI 90
- Standard Deviation Color Matching (Initial SDCM) 3
- 50,000 & 30,000 hours lifetime @L70 B50
- Tunable white and RGB+W versions available

# Flex Cove G6

## Application

- Hospitality
- Offices
- Retail

## Dimensional drawing



## General Information

Driver included	No
Gear	-
Number of gear units	-

## Light Technical

Beam angle of light source	- degree(s)
Color rendering index (CRI)	90
Number of light sources	140
Optic type	-

## Operating and Electrical

Protection class IEC	Safety class III
Input Voltage	24 DC V
Line Frequency	- Hz
Suitable for random switching	No

## Controls and Dimming

Dimmable	-
Maximum dim level	Not applicable

## Mechanical and Housing

Optical cover type	Transparent bowl/cover
Housing Color	Transparent
Mech. impact protection code	-
Ingress protection code	IP65

## Approval and Application

Ambient temperature range	-20 °C to 45 °C
CE mark	No
ENEC mark	-
Flammability mark	-
Glow-wire test	-

## Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
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## Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401589246	LS170S LED4 S 927 IP65 L5000 PRO G2	2700 K	115 lm/W	380 lm
911401589346	LS170S LED4 S 930 IP65 L5000 PRO G2	3000 K	121 lm/W	400 lm
911401589446	LS170S LED4 S 940 IP65 L5000 PRO G2	4000 K	133 lm/W	440 lm
911401589546	LS170S LED4 S 965 IP65 L5000 PRO G2	6500 K	133 lm/W	440 lm
911401590446	LS170S LED8 S 927 IP65 L5000 PRO G2	2700 K	110 lm/W	770 lm
911401590546	LS170S LED8 S 930 IP65 L5000 PRO G2	3000 K	114 lm/W	800 lm
911401590646	LS170S LED8 S 940 IP65 L5000 PRO G2	4000 K	124 lm/W	870 lm
911401590746	LS170S LED8 S 965 IP65 L5000 PRO G2	6500 K	124 lm/W	870 lm
911401591646	LS170S LED12 927 IP65 L5000 PRO G2	2700 K	105 lm/W	1,150 lm
911401591746	LS170S LED12 930 IP65 L5000 PRO G2	3000 K	109 lm/W	1,200 lm
911401591846	LS170S LED12 940 IP65 L5000 PRO G2	4000 K	118 lm/W	1,300 lm
911401591946	LS170S LED12 965 IP65 L5000 PRO G2	6500 K	118 lm/W	1,300 lm
911401592846	LS170S LED16 927 IP65 L5000 PRO G2	2700 K	102 lm/W	1,550 lm
911401592946	LS170S LED16 930 IP65 L5000 PRO G2	3000 K	105 lm/W	1,600 lm
911401593046	LS170S LED16 940 IP65 L5000 PRO G2	4000 K	114 lm/W	1,740 lm
911401593146	LS170S LED16 965 IP65 L5000 PRO G2	6500 K	114 lm/W	1,740 lm
911401593646	LS170S LED24 927 IP65 L5000 PRO G2	2700 K	101 lm/W	2,320 lm
911401593746	LS170S LED24 930 IP65 L5000 PRO G2	3000 K	105 lm/W	2,400 lm
911401593846	LS170S LED24 940 IP65 L5000 PRO G2	4000 K	114 lm/W	2,600 lm
911401593946	LS170S LED24 965 IP65 L5000 PRO G2	6500 K	114 lm/W	2,600 lm
911401594446	LS170S LED30 927 IP65 L5000 PRO G2	2700 K	101 lm/W	2,900 lm
911401594546	LS170S LED30 930 IP65 L5000 PRO G2	3000 K	105 lm/W	3,000 lm
911401594646	LS170S LED30 940 IP65 L5000 PRO G2	4000 K	114 lm/W	3,260 lm
911401594746	LS170S LED30 965 IP65 L5000 PRO G2	6500 K	114 lm/W	3,260 lm
911401594846	LS170S LED10 TNW IP65 L5000 PRO G2	Tunable white 2700-6500 K	105 lm/W	1,050 lm

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Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux
		Temperature (Nom)	(rated) (Nom)	
911401594946	LS170S LED8 TNW IP65 L5000 PRO G2	Tunable White	106 lm/W	850 lm
911401595046	LS170S LED8 RGBW IP65 L5000 PRO G2	RGBW	94 lm/W	800 lm

### Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401589246	LS170S LED4 S 927 IP65 L5000 PRO G2	21 W	911401593046	LS170S LED16 940 IP65 L5000 PRO G2	63 W
911401589346	LS170S LED4 S 930 IP65 L5000 PRO G2	21 W	911401593146	LS170S LED16 965 IP65 L5000 PRO G2	63 W
911401589446	LS170S LED4 S 940 IP65 L5000 PRO G2	21 W	911401593646	LS170S LED24 927 IP65 L5000 PRO G2	98 W
911401589546	LS170S LED4 S 965 IP65 L5000 PRO G2	21 W	911401593746	LS170S LED24 930 IP65 L5000 PRO G2	98 W
911401590446	LS170S LED8 S 927 IP65 L5000 PRO G2	35 W	911401593846	LS170S LED24 940 IP65 L5000 PRO G2	98 W
911401590546	LS170S LED8 S 930 IP65 L5000 PRO G2	35 W	911401593946	LS170S LED24 965 IP65 L5000 PRO G2	98 W
911401590646	LS170S LED8 S 940 IP65 L5000 PRO G2	35 W	911401594446	LS170S LED30 927 IP65 L5000 PRO G2	112 W
911401590746	LS170S LED8 S 965 IP65 L5000 PRO G2	35 W	911401594546	LS170S LED30 930 IP65 L5000 PRO G2	112 W
911401591646	LS170S LED12 927 IP65 L5000 PRO G2	49 W	911401594646	LS170S LED30 940 IP65 L5000 PRO G2	112 W
911401591746	LS170S LED12 930 IP65 L5000 PRO G2	49 W	911401594746	LS170S LED30 965 IP65 L5000 PRO G2	112 W
911401591846	LS170S LED12 940 IP65 L5000 PRO G2	49 W	911401594846	LS170S LED10 TNW IP65 L5000 PRO G2	35 W
911401591946	LS170S LED12 965 IP65 L5000 PRO G2	49 W	911401594946	LS170S LED8 TNW IP65 L5000 PRO G2	30 W
911401592846	LS170S LED16 927 IP65 L5000 PRO G2	63 W	911401595046	LS170S LED8 RGBW IP65 L5000 PRO G2	35 W
911401592946	LS170S LED16 930 IP65 L5000 PRO G2	63 W			

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Order Code	Full Product Name	Initial chromaticity
911401589246	LS170S LED4 S 927 IP65 L5000 PRO G2	(0.4578,0.4101),SDCM<3	911401593046	LS170S LED16 940 IP65 L5000 PRO G2	(0.3818,0.3797),SDCM<3
911401589346	LS170S LED4 S 930 IP65 L5000 PRO G2	(0.4338,0.4030),SDCM<3	911401593146	LS170S LED16 965 IP65 L5000 PRO G2	(0.3123,0.3283),SDCM<3
911401589446	LS170S LED4 S 940 IP65 L5000 PRO G2	(0.3818,0.3797),SDCM<3	911401593646	LS170S LED24 927 IP65 L5000 PRO G2	(0.4578,0.4101),SDCM<3
911401589546	LS170S LED4 S 965 IP65 L5000 PRO G2	(0.3123,0.3283),SDCM<3	911401593746	LS170S LED24 930 IP65 L5000 PRO G2	(0.4338,0.4030),SDCM<3
911401590446	LS170S LED8 S 927 IP65 L5000 PRO G2	(0.4578,0.4101),SDCM<3	911401593846	LS170S LED24 940 IP65 L5000 PRO G2	(0.3818,0.3797),SDCM<3
911401590546	LS170S LED8 S 930 IP65 L5000 PRO G2	(0.4338,0.4030),SDCM<3	911401593946	LS170S LED24 965 IP65 L5000 PRO G2	(0.3123,0.3283),SDCM<3
911401590646	LS170S LED8 S 940 IP65 L5000 PRO G2	(0.3818,0.3797),SDCM<3	911401594446	LS170S LED30 927 IP65 L5000 PRO G2	(0.4578,0.4101),SDCM<3
911401590746	LS170S LED8 S 965 IP65 L5000 PRO G2	(0.3123,0.3283),SDCM<3	911401594546	LS170S LED30 930 IP65 L5000 PRO G2	(0.4338,0.4030),SDCM<3
911401591646	LS170S LED12 927 IP65 L5000 PRO G2	(0.4578,0.4101),SDCM<3	911401594646	LS170S LED30 940 IP65 L5000 PRO G2	(0.3818,0.3797),SDCM<3
911401591746	LS170S LED12 930 IP65 L5000 PRO G2	(0.4338,0.4030),SDCM<3	911401594746	LS170S LED30 965 IP65 L5000 PRO G2	(0.3123,0.3283),SDCM<3
911401591846	LS170S LED12 940 IP65 L5000 PRO G2	(0.3818,0.3797),SDCM<3	911401594846	LS170S LED10 TNW IP65 L5000 PRO G2	-
911401591946	LS170S LED12 965 IP65 L5000 PRO G2	(0.3123,0.3283),SDCM<3	911401594946	LS170S LED8 TNW IP65 L5000 PRO G2	-
911401592846	LS170S LED16 927 IP65 L5000 PRO G2	(0.4578,0.4101),SDCM<3	911401595046	LS170S LED8 RGBW IP65 L5000 PRO G2	-
911401592946	LS170S LED16 930 IP65 L5000 PRO G2	(0.4338,0.4030),SDCM<3			

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