



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

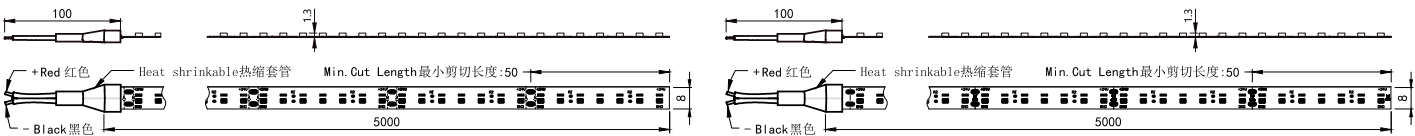
- Up to 138lm/W for energy-efficient performance
- 400lm – 3000lm options available, both with a choice of CRI 80 or CRI 90
- Standard Deviation Color Matching (Initial SDCM) 3
- 50,000 & 30,000 hours lifetime @L70 B50
- Tunable white and RGB+W versions available

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Application

- Hospitality
- Offices
- Retail

Dimensional drawing



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General Information	
Driver included	No
Gear	-
Number of gear units	-
Light Technical	
Beam angle of light source	- degree(s)
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	-
Housing Color	-
Mech. impact protection code	-
Ingress protection code	IP20
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%,+15%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401587946	LS170S LED24 830 IP20 L5000 PRO G2	3000 K	80	135 lm/W	2,400 lm
911401588246	LS170S LED30 830 IP20 L5000 PRO G2	3000 K	80	130 lm/W	3,000 lm
911401589646	LS170S LED8 S 927 IP20 L5000 PRO G2	2700 K	90	109 lm/W	760 lm
911401589746	LS170S LED8 S 930 IP20 L5000 PRO G2	3000 K	90	114 lm/W	800 lm
911401589846	LS170S LED8 S 940 IP20 L5000 PRO G2	4000 K	90	120 lm/W	840 lm
911401589946	LS170S LED8 S 965 IP20 L5000 PRO G2	6500 K	90	120 lm/W	840 lm
911401590846	LS170S LED12 927 IP20 L5000 PRO G2	2700 K	90	104 lm/W	1,140 lm
911401590946	LS170S LED12 930 IP20 L5000 PRO G2	3000 K	90	109 lm/W	1,200 lm
911401591046	LS170S LED12 940 IP20 L5000 PRO G2	4000 K	90	115 lm/W	1,260 lm
911401591146	LS170S LED12 965 IP20 L5000 PRO G2	6500 K	90	115 lm/W	1,260 lm
911401592046	LS170S LED16 927 IP20 L5000 PRO G2	2700 K	90	100 lm/W	1,520 lm
911401592146	LS170S LED16 930 IP20 L5000 PRO G2	3000 K	90	105 lm/W	1,600 lm
911401592246	LS170S LED16 940 IP20 L5000 PRO G2	4000 K	90	111 lm/W	1,680 lm
911401592346	LS170S LED16 965 IP20 L5000 PRO G2	6500 K	90	111 lm/W	1,680 lm
911401593346	LS170S LED24 930 IP20 L5000 PRO G2	3000 K	90	105 lm/W	2,400 lm
911401594146	LS170S LED30 930 IP20 L5000 PRO G2	3000 K	90	105 lm/W	3,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401587946	LS170S LED24 830 IP20 L5000 PRO G2	76 W	911401591046	LS170S LED12 940 IP20 L5000 PRO G2	45 W
911401588246	LS170S LED30 830 IP20 L5000 PRO G2	94 W	911401591146	LS170S LED12 965 IP20 L5000 PRO G2	45 W
911401589646	LS170S LED8 S 927 IP20 L5000 PRO G2	30 W	911401592046	LS170S LED16 927 IP20 L5000 PRO G2	58 W
911401589746	LS170S LED8 S 930 IP20 L5000 PRO G2	30 W	911401592146	LS170S LED16 930 IP20 L5000 PRO G2	58 W
911401589846	LS170S LED8 S 940 IP20 L5000 PRO G2	30 W	911401592246	LS170S LED16 940 IP20 L5000 PRO G2	58 W
911401589946	LS170S LED8 S 965 IP20 L5000 PRO G2	30 W	911401592346	LS170S LED16 965 IP20 L5000 PRO G2	58 W
911401590846	LS170S LED12 927 IP20 L5000 PRO G2	45 W	911401593346	LS170S LED24 930 IP20 L5000 PRO G2	93 W
911401590946	LS170S LED12 930 IP20 L5000 PRO G2	45 W	911401594146	LS170S LED30 930 IP20 L5000 PRO G2	105 W

Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Initial chromaticity
911401587946	LSI70S LED24 830 IP20 L5000 PRO G2	(0.4338,0.4030),SDCM<3
911401588246	LSI70S LED30 830 IP20 L5000 PRO G2	(0.4338,0.4030),SDCM<3
911401589646	LSI70S LED8 S 927 IP20 L5000 PRO G2	(0.4578,0.4101),SDCM<3
911401589746	LSI70S LED8 S 930 IP20 L5000 PRO G2	(0.4338,0.4030),SDCM<3
911401589846	LSI70S LED8 S 940 IP20 L5000 PRO G2	(0.3818,0.3797),SDCM<3
911401589946	LSI70S LED8 S 965 IP20 L5000 PRO G2	(0.3123,0.3283),SDCM<3
911401590846	LSI70S LED12 927 IP20 L5000 PRO G2	(0.4578,0.4101),SDCM<3
911401590946	LSI70S LED12 930 IP20 L5000 PRO G2	(0.4338,0.4030),SDCM<3

Order Code	Full Product Name	Initial chromaticity
911401591046	LSI70S LED12 940 IP20 L5000 PRO G2	(0.3818,0.3797),SDCM<3
911401591146	LSI70S LED12 965 IP20 L5000 PRO G2	(0.3123,0.3283),SDCM<3
911401592046	LSI70S LED16 927 IP20 L5000 PRO G2	(0.4578,0.4101),SDCM<3
911401592146	LSI70S LED16 930 IP20 L5000 PRO G2	(0.4338,0.4030),SDCM<3
911401592246	LSI70S LED16 940 IP20 L5000 PRO G2	(0.3818,0.3797),SDCM<3
911401592346	LSI70S LED16 965 IP20 L5000 PRO G2	(0.3123,0.3283),SDCM<3
911401593346	LSI70S LED24 930 IP20 L5000 PRO G2	(0.4338,0.4030),SDCM<3
911401594146	LSI70S LED30 930 IP20 L5000 PRO G2	(0.4338,0.4030),SDCM<3

