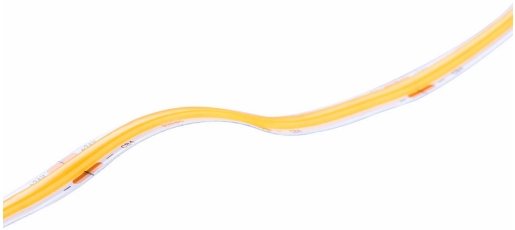
PHILIPS

Lighting



Flex Cove G6

LS168S LED4 940 IP20 L5000 COB

Flex Cove G6, 460 lm, 75 lm/W, 940 neutral white, 24 DC V, IP20 | Finger-protected

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 figher 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.

Product data

General Information	
Number of gear units	-
Gear	-
Driver included	No
Light source engine type	LED
Warranty period	3 years

Light Technical	
Luminous Flux	460 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	75 lm/W
Color rendering index (CRI)	90
Number of light sources	324
Beam angle of light source	140 degree(s)
Light source color	940 neutral white
Optic type	-
Luminaire light beam spread	-
Unified glare rating CEN	Not applicable

Operating and Electrical	
Input Voltage	24 DC V
Line Frequency	- Hz
Power Consumption	28.8 W
Power Factor (Fraction)	-
Connection	-
Cable	-
Number of products on MCB of 16 A type B	-
Suitable for random switching	No
Protection class IEC	Safety class III

Flex Cove G6

Controls and Dimming	
Dimmable	1-10V DALI Fixed
Control interface	-
Maximum dim level	Not applicable

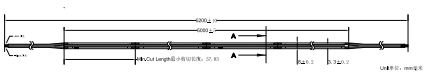
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	-
Optic material	-
Optical cover material	-
Housing Color	-
Mounting device	-
Optical cover finish	-
Overall length	5,000 mm
Overall width	8 mm
Overall height	1.8 mm
Dimensions (Height x Width x Depth)	2 x 8 x 5000 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	-
Optical cover type	-
Net Weight (Piece)	0.070 kg

Approval and Application	
Glow-wire test	-
Flammability mark	-
CE mark	No
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +45 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.380,0.380) SDCM<5
Power consumption tolerance	+/-10%

Product Data	
Order product name	LS168S LED4 940 IP20 L5000 COB
Full product name	LS168S LED4 940 IP20 L5000 COB
Full product code	692382863579499
Order code	911401586146
Material Nr. (12NC)	911401586146
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828635794
Numerator - Packs per outer box	100
EAN/UPC - Case	6923828636067

Dimensional drawing



SECTION A-A

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