



CoreLine surface-mounted gen4: easy installation, excellent illumination

CoreLine surface mounted gen 4

Introducing Philips CoreLine surface-mounted gen4, a family of high-quality and innovative light fixtures designed to deliver energy-efficient and long-lasting illumination for your home or office. With higher lumen packages up to 6800 lm, improved efficiency of up to 160 lm/W and a longer lifetime of L90@50K hrs/ L80@100K hrs, our CoreLine family provides bright and long-lasting illumination. Our surface-mounted light fixtures feature DC plugs in all versions, packaging from a single box to 4-in-1 and plastics-free packaging, making them eco-friendly and cost-effective. Our CoreLine surface-mounted gen4 features the same green quick connectors as the CoreLine panel and is compatible with Wieland GSTi3 and GST/5 connectors. Upgrade your lighting today with Philips CoreLine surface-mounted gen4, a high-quality and innovative solution that delivers on the Philips promise of energy-efficient and long-lasting illumination.

CoreLine surface mounted gen 4

Benefits

- Energy-efficient: Our state-of-the-art LED technology ensures that CoreLine surface-mounted gen4 is both eco-friendly and cost-effective, saving you money on your energy bills while helping to reduce your carbon footprint.
- Bright and effective: With higher lumen packages up to 6800 lm, CoreLine surface-mounted gen4 provides bright and effective illumination for your home or office.
- Easy installation: Quick connectors make installation a breeze, ensuring a hassle-free and user-friendly experience.
- Modern design: With its sleek and modern design, CoreLine surface-mounted gen4 blends seamlessly with any interior décor, enhancing the atmosphere of any space.
- Long-lasting: Improved efficiency and lifetime ensure long-lasting and eco-friendly lighting that will last for years to come.

Features

- Higher lumen packages: up to 6800 lm (replacing 2 x 58W conventional light sources) for bright and effective illumination
- Improved efficiency: up to 160 lm/W for energy-saving and eco-friendly lighting
- Improved lifetime: L90@50K hrs/ L80@100K hrs for long-lasting and durable lighting
- Plastics-free packaging for an eco-friendly solution
- EPDs available for all listed products
- Improved all-in driver: more user-friendly, with no dipswitches for ease of use

Application

- Offices
- Healthcare
- Education

Versions

CoreLine surface mounted G4
W20L120



CoreLine surface mounted G4
W20L157

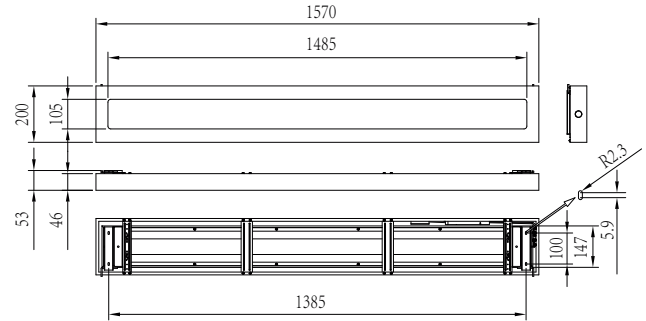
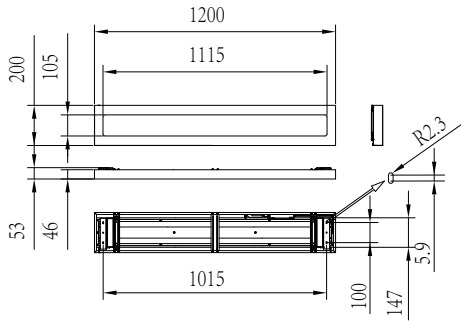


CoreLine surface mounted G4
W20L157 All-in



CoreLine surface mounted gen 4

Dimensional drawing



Product details

CoreLine surface mounted G4
W20L120 DPP



CoreLine surface mounted G4 PSU
back side



CoreLine surface mounted G4
SafetyCable



CoreLine surface mounted G4 WIA
back side-02



CoreLine surface mounted G4 OC
Optical window



CoreLine surface mounted G4 PSU
back side



CoreLine G4 PSU All in lumen
selectable side

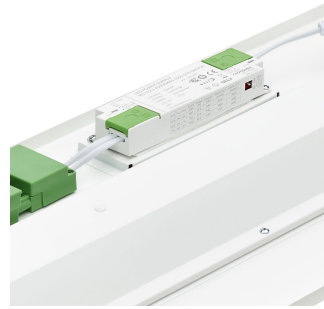


CoreLine surface mounted gen 4

Product details



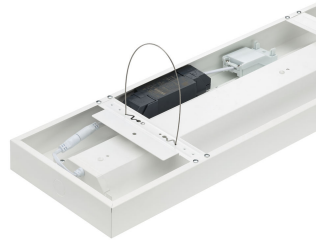
CoreLine surface mounted G4
W20L157 DPP



CoreLine surface mounted G4 PSD
back side detail dipswitches



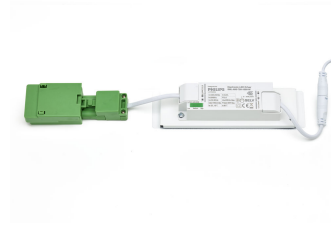
CoreLine G4 PSD All in lumen
selectable back



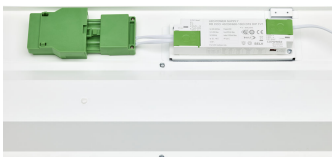
CoreLine surface mounted G4 WIA
back side-01



CoreLine surface mounted G4 WIA
back side



CoreLine G4 PSU All in lumen
selectable back



CoreLine G4 PSD All in lumen
selectable side

CoreLine surface mounted gen 4

General Information

Driver included	Yes
Number of gear units	Unit

Light Technical

Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
Optic type	Wide beam office-compliant

Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No

Mechanical and Housing

Housing Colour	White
Mech. impact protection code	IK03
Ingress protection code	IP20/44

Approval and Application

Ambient temperature range	-10 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38.0.38)SDCM<3
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	All-in Type	Luminous efficacy (rated) (nom.)	Luminous Flux
911401842187	SM136V G4 43S/840 WIA W20L120 OC	-	156 lm/W	4,300 lm
911401842787	SM136V G4 43S/840 WIA W20L157 OC	-	156 lm/W	4,300 lm
911401841787	SM136V G4 36_45_60S/840 PSU W20L120 OC	All-in, Multi Lumen	157 lm/W	3,600 lm
911401841987	SM136V G4 36_45_60S/840 PSD W20L120 OC	All-in, Multi Lumen	157 lm/W	3,600 lm
911401842287	SM136V G4 36_45_68S/840 PSU W20L157 OC	All-in, Multi Lumen	160 lm/W	3,600 lm
911401842487	SM136V G4 36_45_68S/840 PSD W20L157 OC	All-in, Multi Lumen	160 lm/W	3,600 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401842187	SM136V G4 43S/840 WIA W20L120 OC	27.5 W
911401842787	SM136V G4 43S/840 WIA W20L157 OC	27.5 W
911401841787	SM136V G4 36_45_60S/840 PSU W20L120 OC	38.5 W

Order Code	Full Product Name	Power Consumption
911401841987	SM136V G4 36_45_60S/840 PSD W20L120 OC	38.5 W
911401842287	SM136V G4 36_45_68S/840 PSU W20L157 OC	43.5 W
911401842487	SM136V G4 36_45_68S/840 PSD W20L157 OC	43.5 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401842187	SM136V G4 43S/840 WIA W20L120 OC	Yes
911401842787	SM136V G4 43S/840 WIA W20L157 OC	Yes
911401841787	SM136V G4 36_45_60S/840 PSU W20L120 OC	No

Order Code	Full Product Name	Dimmable
911401841987	SM136V G4 36_45_60S/840 PSD W20L120 OC	Yes
911401842287	SM136V G4 36_45_68S/840 PSU W20L157 OC	No
911401842487	SM136V G4 36_45_68S/840 PSD W20L157 OC	Yes

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