Philips CoreLine recessed: easy installation, excellent illumination

CoreLine recessed gen 4

Introducing Philips CoreLine recessed gen4 – a sleek, modern and energy-efficient lighting solution for offices, education and healthcare. With higher lumen packages up to 6800 lm, improved efficiency and lifetime and easy installation with quick connectors or Wieland connectors, Philips Coreline recessed gen4 delivers on the Philips promise of innovative, easy-to-use, high-quality luminaires. Our state-of-the-art LED technology ensures that CoreLine recessed lighting is both eco-friendly and cost-effective, saving you money on your energy bills and helping to reduce your carbon footprint. Upgrade your office, education or healthcare lighting with CoreLine recessed today and enjoy bright and long-lasting illumination that blends seamlessly with any interior décor.

Benefits

- Energy-efficient: Our state-of-the-art LED technology ensures that CoreLine recessed luminaires are both eco-friendly and cost-effective, saving you money on your energy bills and helping to reduce your carbon footprint
- Bright and effective: With higher lumen packages up to 6800 lm, CoreLine recessed luminaires deliver bright and effective illumination for your home, office or classroom.
- 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 recessed 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.

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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
- Emergency lighting via EL Kit (recessed) for added safety and security
- 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
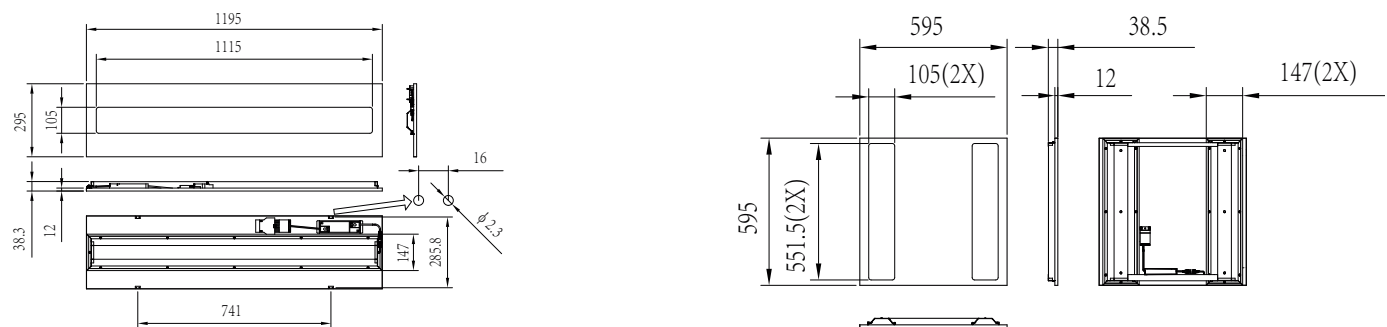
- Offices
- Healthcare
- Education

Versions

CoreLine recessed G4 W60L60

CoreLine recessed G4 W30L120 All-in

Dimensional drawing

CoreLine recessed gen 4

Product details

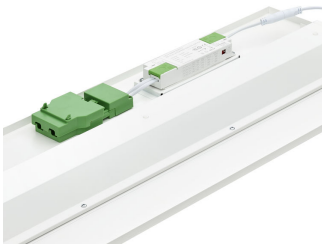**CoreLine recessed G4 PSU W60L60 back side**

CoreLine recessed G4 W60L60 OC Optical window

CoreLine recessed G4 W30L120 OC Optical window

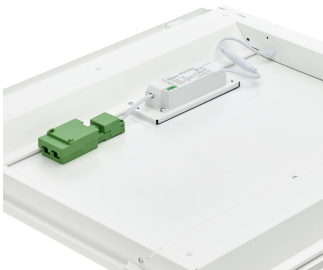**CoreLine recessed G4 PSD W30L120 back side detail**

CoreLine recessed G4 W60L60 DPP

CoreLine G4 WIA driver side

CoreLine recessed G4 PSU W60L60 back side detail
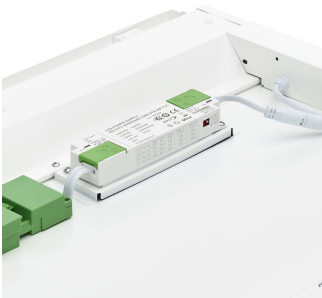
CoreLinerecessed G4 W30L120 DPP

CoreLine recessed G4 W60L60 NOC Optical window
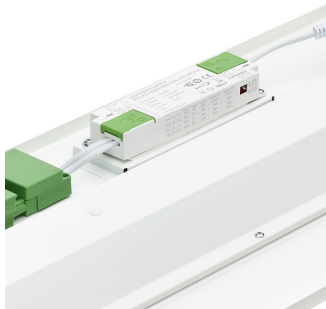
CoreLine recessed gen 4

Product details

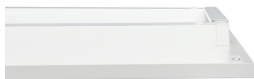**CoreLine recessed G4 PSD W60L60 back side detail**

CoreLine G4 WIA driver

CoreLine recessed G4 PSD W30L120 back side detail dipswitches
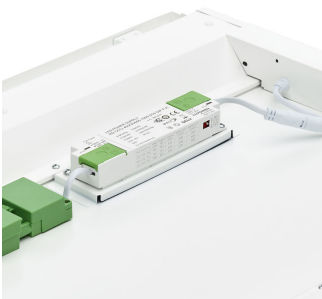
CoreLine G4 PSU All in lumen selectable side

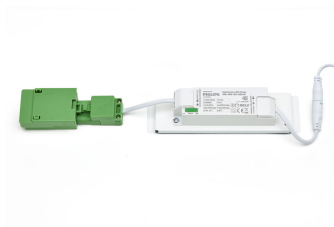**CoreLine recessed G4 W60L60 side view**

CoreLine G4 PSD All in lumen selectable back

CoreLine recessed G4 PSD W60L60 back side

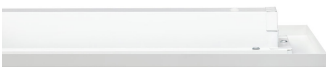**CoreLine recessed G4 PSD W60L60 back side detail dipswitches**

CoreLine G4 PSU All in lumen selectable back

CoreLine recessed gen 4

Product details

CoreLine recessed G4 W30L120
side view

CoreLine G4 PSD All in lumen
selectable side

CoreLine recessed G4 PSD
W30L120 back side

CoreLine recessed 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 RAL 9003
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	KEMA Netherlands
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
76419499	RC136B G4 43S/840 WIA W60L60 OC	–	156 lm/W	4,300 lm
76414999	RC136B G4 36_45_60S/840 PSD W60L60 OC	All-in, Multi Lumen	157 lm/W	3,600 lm
76416399	RC136B G4 36_45_60S/840 PSU W60L60 OC	All-in, Multi Lumen	157 lm/W	3,600 lm
76413299	RC136B G4 36_45_60S/840 PSD W30L120 OC	All-in, Multi Lumen	157 lm/W	3,600 lm
76418799	RC136B G4 43S/840 WIA W30L120 OC	–	156 lm/W	4,300 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
76419499	RC136B G4 43S/840 WIA W60L60 OC	27.5 W
76414999	RC136B G4 36_45_60S/840 PSD W60L60 OC	38.5 W
76416399	RC136B G4 36_45_60S/840 PSU W60L60 OC	38.5 W

Order Code	Full Product Name	Power Consumption
76413299	RC136B G4 36_45_60S/840 PSD W30L120 OC	38.5 W
76418799	RC136B G4 43S/840 WIA W30L120 OC	27.5 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
76419499	RC136B G4 43S/840 WIA W60L60 OC	Yes
76414999	RC136B G4 36_45_60S/840 PSD W60L60 OC	Yes
76416399	RC136B G4 36_45_60S/840 PSU W60L60 OC	No

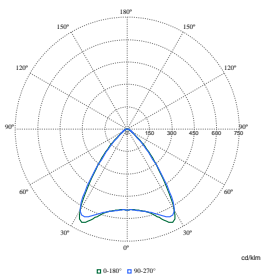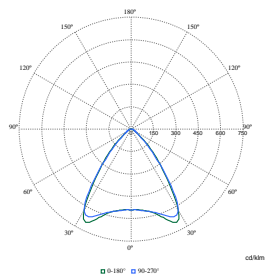| Order Code	Full Product Name	Dimmable
76413299	RC136B G4 36_45_60S/840 PSD W30L120 OC	Yes
76418799	RC136B G4 43S/840 WIA W30L120 OC	Yes

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Polar Wide Diagrams
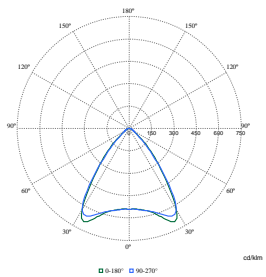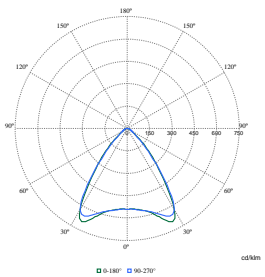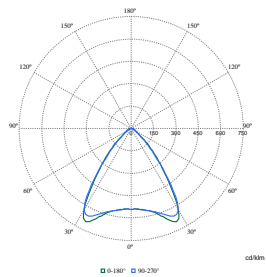
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