



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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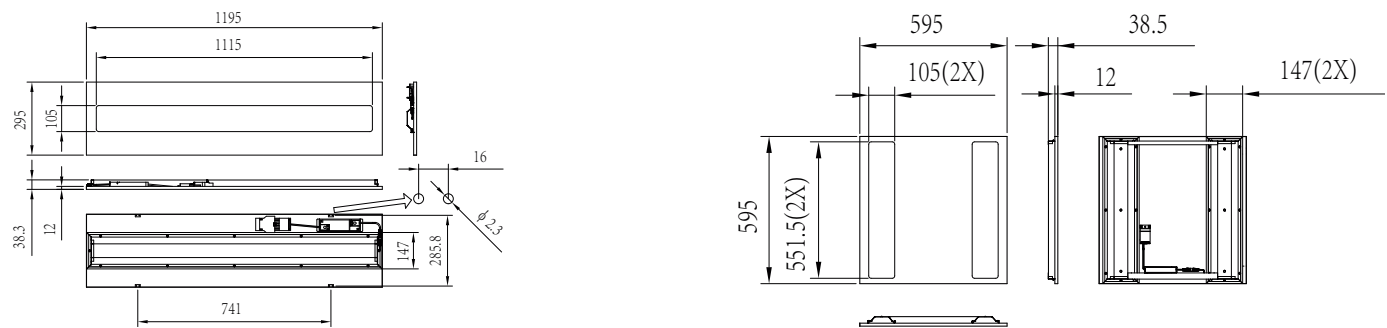
Features

- 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

Dimensional drawing



Product details

CoreLine recessed G4 PSU
W60L60 back side



CoreLine recessed G4 W60L60 OC
Optical window



CoreLine recessed gen 4

Product details



CoreLine recessed G4 W30L120
OC Optical window



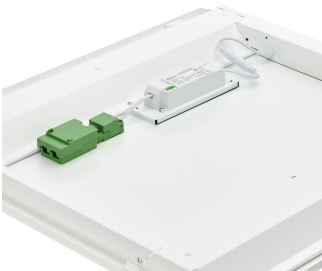
CoreLine recessed G4 PSD
W30L120 back side detail



CoreLine recessed G4 W60L60
DPP



CoreLine G4 WIA driver side



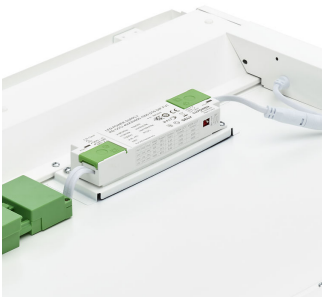
CoreLine recessed G4 PSU
W60L60 back side detail



CoreLine recessed G4 W30L120
DPP



CoreLine recessed G4 W60L60
NOC Optical window



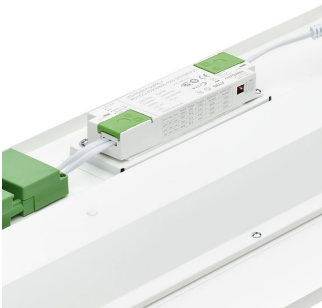
CoreLine recessed G4 PSD
W60L60 back side detail



CoreLine G4 WIA driver

CoreLine recessed gen 4

Product details



CoreLine recessed G4 PSD
W30L120 back side detail
dipswitches



CoreLine G4 PSU All in lumen
selectable side



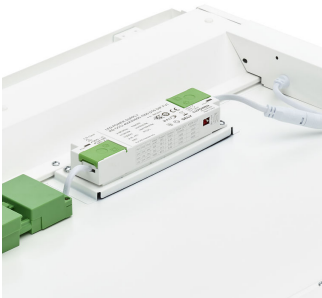
CoreLine recessed G4 W60L60
side view



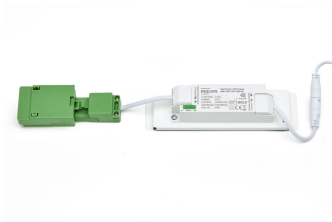
CoreLine G4 PSD All in lumen
selectable back



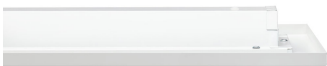
CoreLine recessed G4 PSD
W60L60 back side



CoreLine recessed G4 PSD
W60L60 back side detail
dipswitches



CoreLine G4 PSU All in lumen
selectable back



CoreLine recessed G4 W30L120
side view

CoreLine recessed gen 4

Product details

CoreLine G4 PSD All in lumen
selectable side



CoreLine recessed G4 PSD
W30L120 back side



General Information	
Driver included	Yes
Number of gear units	1 unit
Light Technical	
Color rendering index (CRI)	80
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 Color	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)	
Luminous flux tolerance	+/-10%

Light Technical (1/2)

Order Code	Full Product Name	All-in Type	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
76417099	RC136B G4 40S/830 WIA W60L60 OC	-	3000 K	145 lm/W	4,000 lm
76419499	RC136B G4 43S/840 WIA W60L60 OC	-	4000 K	156 lm/W	4,300 lm
76412599	RC136B G4 34_43_57S/830 PSD W60L60 OC	All-in, Multi Lumen	3000 K	148 lm/W	3,400 lm
76414999	RC136B G4 36_45_60S/840 PSD W60L60 OC	All-in, Multi Lumen	4000 K	157 lm/W	3,600 lm
76415699	RC136B G4 36_45_60S/840 PSU W60L60 NOC	All-in, Multi Lumen	4000 K	157 lm/W	3,600 lm
76416399	RC136B G4 36_45_60S/840 PSU W60L60 OC	All-in, Multi Lumen	4000 K	157 lm/W	3,600 lm
76411899	RC136B G4 34_43_57S/830 PSD W30L120 OC	All-in, Multi Lumen	3000 K	148 lm/W	3,400 lm
76413299	RC136B G4 36_45_60S/840 PSD W30L120 OC	All-in, Multi Lumen	4000 K	157 lm/W	3,600 lm
76418799	RC136B G4 43S/840 WIA W30L120 OC	-	4000 K	156 lm/W	4,300 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type
76417099	RC136B G4 40S/830 WIA W60L60 OC	Wide beam office compliant
76419499	RC136B G4 43S/840 WIA W60L60 OC	Wide beam office compliant
76412599	RC136B G4 34_43_57S/830 PSD W60L60 OC	Wide beam office compliant
76414999	RC136B G4 36_45_60S/840 PSD W60L60 OC	Wide beam office compliant
76415699	RC136B G4 36_45_60S/840 PSU W60L60 NOC	Very wide beam

Order Code	Full Product Name	Optic type
76416399	RC136B G4 36_45_60S/840 PSU W60L60 OC	Wide beam office compliant
76411899	RC136B G4 34_43_57S/830 PSD W30L120 OC	Wide beam office compliant
76413299	RC136B G4 36_45_60S/840 PSD W30L120 OC	Wide beam office compliant
76418799	RC136B G4 43S/840 WIA W30L120 OC	Wide beam office compliant

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Operating and Electrical

Order Code	Full Product Name	Power Consumption
76417099	RC136B G4 40S/830 WIA W60L60 OC	27.5 W
76419499	RC136B G4 43S/840 WIA W60L60 OC	27.5 W
76412599	RC136B G4 34_43_57S/830 PSD W60L60 OC	38.5 W
76414999	RC136B G4 36_45_60S/840 PSD W60L60 OC	38.5 W
76415699	RC136B G4 36_45_60S/840 PSU W60L60 NOC	38.5 W

Order Code	Full Product Name	Power Consumption
76416399	RC136B G4 36_45_60S/840 PSU W60L60 OC	38.5 W
76411899	RC136B G4 34_43_57S/830 PSD W30L120 OC	38.5 W
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
76417099	RC136B G4 40S/830 WIA W60L60 OC	Yes
76419499	RC136B G4 43S/840 WIA W60L60 OC	Yes
76412599	RC136B G4 34_43_57S/830 PSD W60L60 OC	Yes
76414999	RC136B G4 36_45_60S/840 PSD W60L60 OC	Yes
76415699	RC136B G4 36_45_60S/840 PSU W60L60 NOC	No

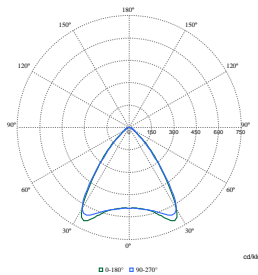
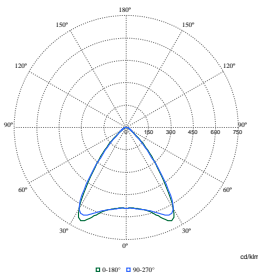
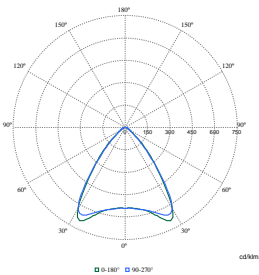
Order Code	Full Product Name	Dimmable
76416399	RC136B G4 36_45_60S/840 PSU W60L60 OC	No
76411899	RC136B G4 34_43_57S/830 PSD W30L120 OC	Yes
76413299	RC136B G4 36_45_60S/840 PSD W30L120 OC	Yes
76418799	RC136B G4 43S/840 WIA W30L120 OC	Yes

Initial Performance (IEC Compliant)

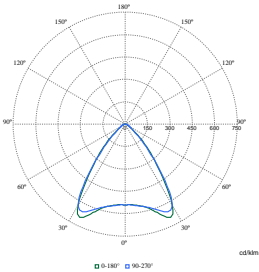
Order Code	Full Product Name	Initial chromaticity
76417099	RC136B G4 40S/830 WIA W60L60 OC	(0.44,0.40)SDCM<3
76419499	RC136B G4 43S/840 WIA W60L60 OC	(0.38,0.38)SDCM<3
76412599	RC136B G4 34_43_57S/830 PSD W60L60 OC	(0.44,0.40)SDCM<3
76414999	RC136B G4 36_45_60S/840 PSD W60L60 OC	(0.38,0.38)SDCM<3
76415699	RC136B G4 36_45_60S/840 PSU W60L60 NOC	(0.38,0.38)SDCM<3

Order Code	Full Product Name	Initial chromaticity
76416399	RC136B G4 36_45_60S/840 PSU W60L60 OC	(0.38,0.38)SDCM<3
76411899	RC136B G4 34_43_57S/830 PSD W30L120 OC	(0.44,0.40)SDCM<3
76413299	RC136B G4 36_45_60S/840 PSD W30L120 OC	(0.38,0.38)SDCM<3
76418799	RC136B G4 43S/840 WIA W30L120 OC	(0.38,0.38)SDCM<3

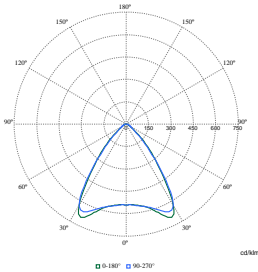
Polar Wide Diagrams



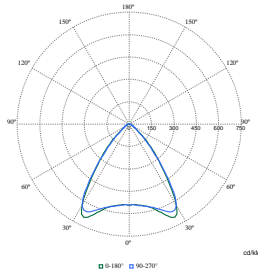
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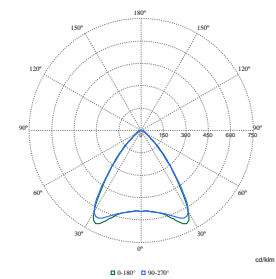


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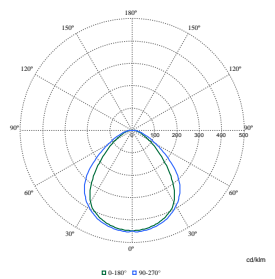
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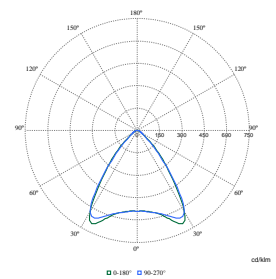
Polar Wide Diagrams



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