CoreView Panel –
smooth surface of light

CoreView Panel

People appreciate indoor spaces that are easy on the eye and at the same time refreshing to the mind. This is especially relevant for spaces where you want to ensure a relaxing yet energizing atmosphere, e.g. in working environments, retail and healthcare.CoreView Panel is a LED-based luminaire with an innovative, slim shape that delivers a uniform surface of light – a truly attractive proposition. Suitable for recessed (lay-in only) and suspended mounting, the range offers a choice of sizes, color temperatures and DALI dimming. In addition, it comes with all the benefits of LED technology: it is, for example, long-lasting and energy-efficient. In short, CoreView Panel represents an excellent deal for those looking for pleasant and efficient lighting.

Benefits
• Pleasing surface of light
• Slim, attractive form factor
• Energy-efficient

Features
• Uniform surface of light, thanks to advanced light-guide technology
• Very slim panel height, thanks to side-lit LED lighting
• Low energy consumption, thanks to efficient LED technology
• Choice of sizes and two color temperatures
• Available with fixed or dimmable driver
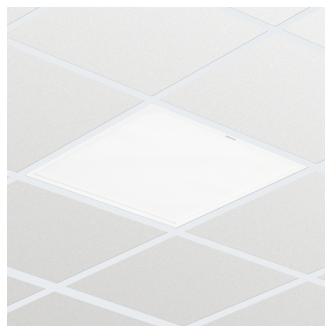
Application
• Offices
• Retail
• Healthcare

Specifications

CoreView Panel

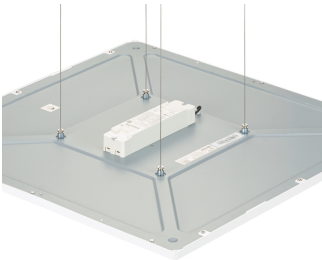|				
Type	RC165V (module size 600 mm version)		Operating temperature range	+10 to +40ºC
	RC166V (module size 625 mm version)			
Ceiling type	Exposed T-bar ceiling		Driver	Built-in
Ceiling grid	Module size in length: 600 mm		Dimming	DALI
	Module size in length: 625 mm		Mains voltage	230 or 240 V / 50-60 Hz
Light source	Non-replaceable LED module		Material	Housing: steel
Power (+/-10%)	41 W			Rim and diffuser: plastic
Beam angle	110º			Optical cover: PMMA
Luminous flux	3400 lm		Color	White
Correlated Color	3000 K		Connection	Push-in connector with pull relief (PIP)
Temperature	4000 K		Maintenance	Optical module sealed for life; no internal cleaning required
Color Rendering Index	> 80		Installation	Exposed ceilings: in lay, no brackets needed
Median useful life L70B50	65,000 hours			Individual; suspended mounting with a set of four single steel-wire
Median useful life L80B50	40,000 hours			suspensions including a metal-like power cord, 150 cm and ceiling
Median useful life L90B50	25,000 hours			cap (SM4)
Driver failure rate	0,38% per 5000 hours		Remarks	Suspension kit including 4 individual steel cables with Reutlinger
Average ambient temperature	+25 ºC			clutch device and ceiling cab available (to be ordered separately)

Versions

Product details

CoreView panel, suspended square version

CoreView panel, recessed square version (module size 600)

Product details

Connection suspension wires

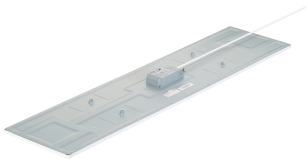Different rim sizes available

Top view square version (module size 600)

CoreView panel, suspended rectangular version

CoreView panel, recessed rectangular version (module size 300x1200)

Top view rectangular version

Connecting the PSD driver (module size 600 version)

Accessories

Set of accessories (4x Reutlinger,
with steel cable, etc.)

Ordercode 910930030118

CoreView Panel

Application Conditions

Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Operating and Electrical

Input Voltage	220 to 240 V

General Information

CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Lamp family code	LED34S
Light source replaceable	No
Number of light sources	1 pc
Product Family Code	RC165V
UL mark	-

Initial Performance (IEC Compliant)

Initial LED luminaire efficacy	83 lm/W
Initial luminous flux	3400 lm
Initial input power	41 W

Mechanical and Housing

Color	White

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.38 %
Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

Controls and Dimming

Order Code	Full Product Name	Dimmable
910503910029	RC165V LED34S/840 PSU W60L60	No
910503910033	RC165V LED34S/840 PSD W60L60	Yes
910503910035	RC165V LED34S/840 PSD W30L120	Yes
910503910036	RC165V LED34S/830 PSD W30L120	Yes

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature
910503910029	RC165V LED34S/840 PSU W60L60	(0.38, 0.38) SDCM <5	4000 K
910503910033	RC165V LED34S/840 PSD W60L60	(0.38, 0.38) SDCM <5	4000 K
910503910035	RC165V LED34S/840 PSD W30L120	(0.38, 0.38) SDCM <5	4000 K
910503910036	RC165V LED34S/830 PSD W30L120	(0.44, 0.41) SDCM <5	3000 K

Mechanical and Housing

CoreView Panel

Order Code	Full Product Name	Geometry
910503910029	RC165V LED34S/840 PSU W60L60	Width 0.60 m, length 0.60 m
910503910033	RC165V LED34S/840 PSD W60L60	Width 0.60 m, length 0.60 m

Order Code	Full Product Name	Geometry
910503910035	RC165V LED34S/840 PSD W30L120	Width 0.30 m, length 1.20 m
910503910036	RC165V LED34S/830 PSD W30L120	Width 0.30 m, length 1.20 m