



CoreLine Panel – the clear choice for LED

CoreLine Panel

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Panel range of LED products can be used to replace functional luminaires in general lighting applications. Both Non-Office Compliant (NOC) version and Office Compliant version (OC) are now available. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Benefits

- Enables a simple switch from basic conventional luminaires to LED luminaires
- Energy savings of up to 40% compared to functional TL-D luminaires
- Uniform surface of light

Features

- Integrated LED technology
- Slim square housing
- Choice of two color temperatures: 3000 and 4000 K
- Non-Office Compliant (NOC) version and Office Compliant version (OC) available

Application

- Offices
- Retail
- Healthcare

Specifications

Type	RC125B (module size 600 mm version)	Ceiling grid	Module size in length: 600 mm
	RC126B (module size 625 mm version)		Module size in length: 625 mm
Ceiling type	Exposed T-bar ceiling	Light source	Non-replaceable LED module

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Power (+/-10%)	Standard version: 41 W NOC version: 42 W
Beam angle	Standard version: 110° NOC version: 120°
Luminous flux	3400 lm
Correlated Color Temperature	3000 K 4000 K
Color Rendering Index	> 80
Median useful life L70B50	50,000 hours
Median useful life L80B50	30,000 hours
Median useful life L90B50	15,000 hours
Driver failure rate	0.38% per 5000 hours
Average ambient temperature	+25 °C

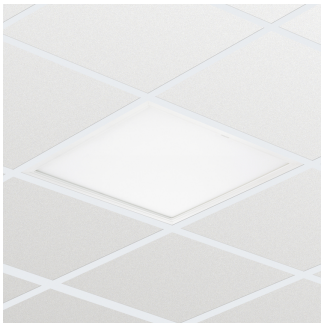
Operating temperature range	+10 to +40°C
Driver	Built-in
Mains voltage	230 or 240 V / 50-60 Hz
Material	Housing: zinc-coated steel Rim and diffuser: plastic (aluminum rim for NOC versions) Optical cover: PMMA
Color	White
Connection	Push-in connector (PI) or with pull relief (PIP)
Maintenance	Optical module sealed for life; no internal cleaning required
Installation	Individual; lay-in in exposed ceiling grids No through-wiring possible
Remarks	Includes safety cable

Specifications

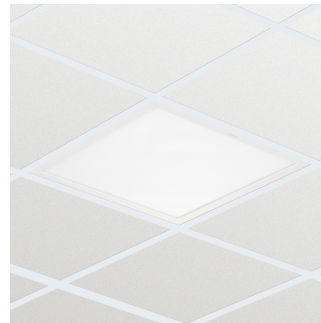
Type	RC127V (module size 600 x 600 and 300 x 1200 mm versions) RC128V (module size 625 x 625 mm version)
Ceiling type	Exposed T-bar ceiling
Ceiling grid	Module size in length: 600 mm Module size in length: 625 mm Module size in length: 1200 mm
Light source	Non-replaceable LED module
Power	42 W
Beam angle	120°
Luminous flux	3400 lm
Correlated Color Temperature	3000 K 4000 K
Color Rendering Index	> 80
Median useful life L70B50	50,000 hours
Median useful life L80B50	30,000 hours
Median useful life L90B50	15,000 hours
Driver failure rate	0.38% per 5000 hours

Average ambient temperature	+25 °C
Operating temperature range	+10 to +40 °C
Driver	Separate
Mains voltage	220-240 V / 50-60 Hz
Dimming	DALI
Material	Housing: steel Rim: aluminum Diffuser: polystyrene
Color	White (RAL 9016)
Connection	Push-in connector (PI) or with pull relief (PIP)
Maintenance	Optical module sealed for life; no internal cleaning required
Installation	Individual; lay-in in exposed ceiling grids No through-wiring possible
Remarks	Includes safety cable

Versions



CoreLine Panel RC125B recessed luminaire, module size 600



CoreLine Panel RC126B recessed luminaire, module size 625

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Versions



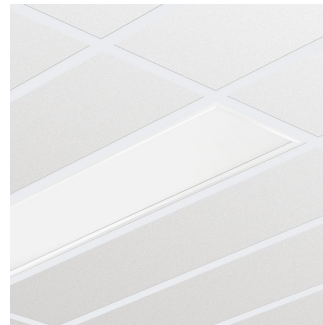
CoreLine Panel RC125B NOC
recessed luminaire, module size 600



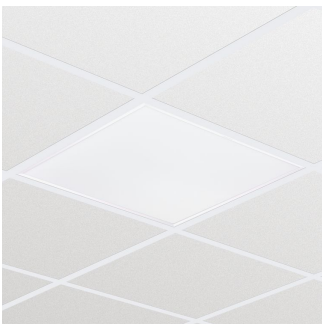
CoreLine Panel RC126B NOC
recessed luminaire, module size 625



CoreLine panel OC RC127V recessed
luminaire, square version (module
size 600)



CoreLine panel OC RC127V recessed
luminaire, rectangular version (module
size 600)

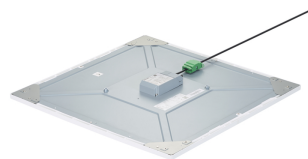


CoreLine panel OC RC128V recessed
luminaire, square version (module
size 625)

Product details



CoreLine Panel RC125B recessed
luminaire



Top of luminaire

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Product details



Easy to connect

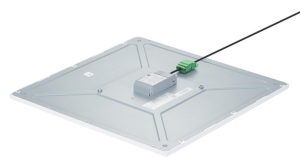


CoreLine Panel's slim design enables easy installation

CoreLine Panel RC126B recessed luminaire

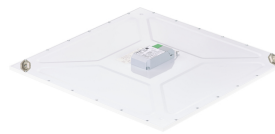


Top of luminaire



Easy to connect

Top of the luminaire



CoreLine Panel RC125B NOC recessed luminaire

Safety cable (for RC125B NOC version only)



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Product details

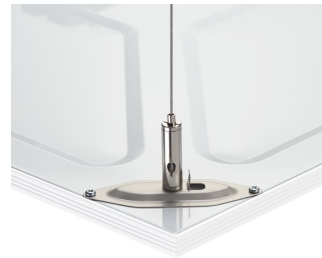
Top of the luminaire



CoreLine Panel RC126B NOC recessed luminaire



CoreLine Panel OC



Detail of suspension

CoreLine panel OC RC127V recessed luminaire, square version (module size 600)



Top of PSU luminaire



Detail of suspension

CoreLine panel OC RC127V recessed luminaire, rectangular version (module size 600)



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Product details

Top of PSU luminaire



Top of DALI luminaire



CoreLine panel OC RC128V recessed luminaire, square version (module size 625)



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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
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General Information

Beam angle of light source	- °
CE mark	CE mark
Color	White
Protection class IEC	Safety class II
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	Asymmetrical mirror

Initial Performance (IEC Compliant)

Init. Color Rendering Index	~GT~80
Initial LED luminaire efficacy	83 lm/W
Initial luminous flux	3400 lm
Luminous flux tolerance	+/-5%
Initial input power	41 W

Over Time Performance (IEC Compliant)

Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

order code	Maximum dim level
910503910025	-
910503910028	-
910503910106	-
910503910107	-
910503910108	-
910503910109	-
910503910128	-
910503910129	-
910503910132	0% (digital)
910503910133	0% (digital)
910503910130	-
910503910131	-
910503910134	0% (digital)
910503910135	0% (digital)
910503910136	0% (digital)
910503910137	0% (digital)
910503910144	-
910503910145	-
910503910257	-
910503910258	-
910503910267	-
910503910268	-
910503910269	0% (digital)
910503910270	0% (digital)

Controls and Dimming

order code	Dimmable
910503910025	No
910503910028	No
910503910106	No
910503910107	No
910503910108	No
910503910109	No
910503910128	No

order code	Dimmable
910503910129	No
910503910132	Yes
910503910133	Yes
910503910130	No
910503910131	No
910503910134	Yes
910503910135	Yes

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order code	Dimmable
910503910136	Yes
910503910137	Yes
910503910144	No
910503910145	No
910503910257	No

order code	Dimmable
910503910258	No
910503910267	No
910503910268	No
910503910269	Yes
910503910270	Yes

General Information

order code	ENEC mark	Lamp family	Product		UL mark
		code	Family Code	Type description	
910503910025	-	LED34S	RC125B	-	-
910503910028	-	LED34S	RC126B	-	-
910503910106	-	LED34S	RC125B	Non office compliant version	-
910503910107	-	LED34S	RC125B	Non office compliant version	-
910503910108	-	LED34S	RC126B	Non office compliant version	-
910503910109	-	LED34S	RC126B	Non office compliant version	-
910503910128	ENEC mark	LED34S	RC127V	Office compliant version	-
910503910129	ENEC mark	LED34S	RC127V	Office compliant version	-
910503910132	ENEC mark	LED34S	RC127V	Office compliant version	-
910503910133	ENEC mark	LED34S	RC127V	Office compliant version	-

order code	ENEC mark	Lamp family	Product		UL mark
		code	Family Code	Type description	
910503910130	ENEC mark	LED34S	RC127V	Office compliant version	-
910503910131	ENEC mark	LED34S	RC127V	Office compliant version	-
910503910134	ENEC mark	LED34S	RC127V	Office compliant version	-
910503910135	ENEC mark	LED34S	RC127V	Office compliant version	-
910503910136	ENEC mark	LED34S	RC128V	Office compliant version	-
910503910137	ENEC mark	LED34S	RC128V	Office compliant version	-
910503910144	ENEC mark	LED34S	RC128V	Office compliant version	-
910503910145	ENEC mark	LED34S	RC128V	Office compliant version	-
910503910257	-	LED34S	RC126B	-	-
910503910258	-	LED32S	RC126B	-	-
910503910267	ENEC mark	LED34S	RC128V	Office compliant version	-
910503910268	ENEC mark	LED32S	RC128V	Office compliant version	-
910503910269	ENEC mark	LED34S	RC128V	Office compliant version	-
910503910270	ENEC mark	LED32S	RC128V	Office compliant version	-

Initial Performance (IEC Compliant)

order code	Initial chromaticy	Init. Corr. Color Temperature
910503910025	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910028	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910106	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910107	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910108	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910109	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910128	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910129	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910132	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910133	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910130	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910131	(0.44, 0.41) SDCM ~LT-5	3000 K

order code	Initial chromaticy	Init. Corr. Color Temperature
910503910134	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910135	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910136	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910137	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910144	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910145	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910257	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910258	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910267	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910268	(0.44, 0.41) SDCM ~LT-5	3000 K
910503910269	(0.38, 0.38) SDCM ~LT-5	4000 K
910503910270	(0.44, 0.41) SDCM ~LT-5	3000 K

Mechanical and Housing

order code	Geometry
910503910025	Width 0.60 m, length 0.60 m
910503910028	Width 0.62 m, length 0.62 m
910503910106	Width 0.60 m, length 0.60 m
910503910107	Width 0.60 m, length 0.60 m
910503910108	Width 0.62 m, length 0.62 m
910503910109	Width 0.62 m, length 0.62 m
910503910128	Width 0.60 m, length 0.60 m

order code	Geometry
910503910129	Width 0.60 m, length 0.60 m
910503910132	Width 0.60 m, length 0.60 m
910503910133	Width 0.60 m, length 0.60 m
910503910130	Width 0.30 m, length 1.20 m
910503910131	Width 0.30 m, length 1.20 m
910503910134	Width 0.30 m, length 1.20 m
910503910135	Width 0.30 m, length 1.20 m

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order code	Geometry
910503910136	Width 0.62 m, length 0.62 m
910503910137	Width 0.62 m, length 0.62 m
910503910144	Width 0.62 m, length 0.62 m
910503910145	Width 0.62 m, length 0.62 m
910503910257	Width 0.62 m, length 0.62 m

order code	Geometry
910503910258	Width 0.62 m, length 0.62 m
910503910267	Width 0.62 m, length 0.62 m
910503910268	Width 0.62 m, length 0.62 m
910503910269	Width 0.62 m, length 0.62 m
910503910270	Width 0.62 m, length 0.62 m

Over Time Performance (IEC Compliant)

order code	Driver failure rate at 5000 h
910503910025	0.38 %
910503910028	0.38 %
910503910106	0.38 %
910503910107	0.38 %
910503910108	0.38 %
910503910109	0.38 %
910503910128	1 %
910503910129	1 %
910503910132	1 %
910503910133	1 %
910503910130	1 %
910503910131	1 %

order code	Driver failure rate at 5000 h
910503910134	1 %
910503910135	1 %
910503910136	1 %
910503910137	1 %
910503910144	1 %
910503910145	1 %
910503910257	0.38 %
910503910258	0.38 %
910503910267	1 %
910503910268	1 %
910503910269	1 %
910503910270	1 %

