



# 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

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

## CoreLine Panel

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

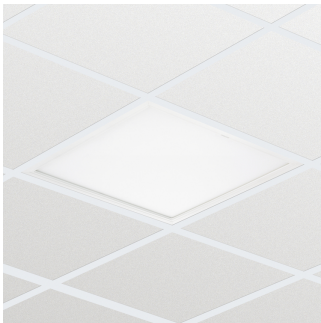
<b>Operating temperature range</b>	+10 to +40°C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	230 or 240 V / 50-60 Hz
<b>Material</b>	Housing: zinc-coated steel Rim and diffuser: plastic (aluminum rim for NOC versions) Optical cover: PMMA
<b>Color</b>	White
<b>Connection</b>	Push-in connector (PI) or with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

## Specifications

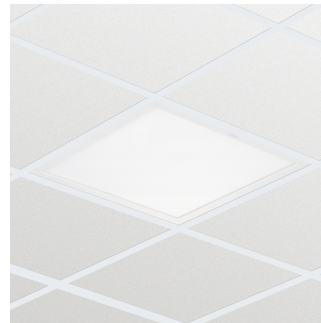
<b>Type</b>	RC127V (module size 600 x 600 and 300 x 1200 mm versions) RC128V (module size 625 x 625 mm version)
<b>Ceiling type</b>	Exposed T-bar ceiling
<b>Ceiling grid</b>	Module size in length: 600 mm Module size in length: 625 mm Module size in length: 1200 mm
<b>Light source</b>	Non-replaceable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

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

## Versions



CoreLine Panel RC125B recessed luminaire, module size 600



CoreLine Panel RC126B recessed luminaire, module size 625

# CoreLine Panel

## Versions



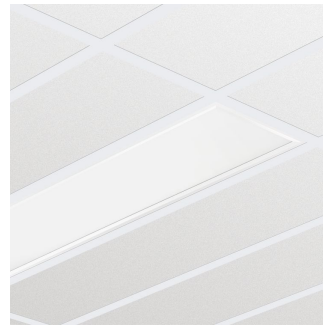
CoreLine Panel RC125B NOC  
recessed luminaire, module size 600



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)

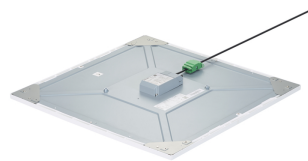


CoreLine panel OC RC128V recessed  
luminaire, square version (module  
size 625)

## Product details



CoreLine Panel RC125B recessed  
luminaire



Top of luminaire

# CoreLine Panel

## Product details



Easy to connect

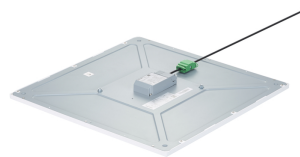


CoreLine Panel's slim design enables easy installation

CoreLine Panel RC126B recessed luminaire

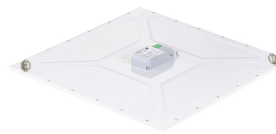


Top of luminaire



Easy to connect

Top of the luminaire



CoreLine Panel RC125B NOC recessed luminaire

Safety cable (for RC125B NOC version only)



# CoreLine Panel

## 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)



# CoreLine Panel

## Product details

Top of PSU luminaire



Top of DALI luminaire



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



# CoreLine Panel

Application Conditions	
Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Suitable for random switching	Yes (relates to presence/ motion sensor and daylight harvesting)
Approval and Application	
Mech. impact protection code	IK02
Ingress protection code	IP20
Operating and Electrical	
Input Voltage	220 to 240
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 10s
Light source replaceable	No
Number of gear units	1 unit
Optic type	Asymmetrical mirror
UL mark	-
Initial Performance (IEC Compliant)	
Init. Color Rendering Index	~GT~80
Initial LED luminaire efficacy	83
Initial luminous flux	3400
Luminous flux tolerance	+/-5%
Initial input power	41
Over Time Performance (IEC Compliant)	
Median useful life L80B50	30000
Median useful life L90B50	15000

## 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
910503910129	No
910503910132	Yes
910503910133	Yes
910503910130	No
910503910131	No

order code	Dimmable
910503910134	Yes
910503910135	Yes
910503910136	Yes
910503910137	Yes
910503910144	No
910503910145	No
910503910257	No
910503910258	No
910503910267	No
910503910268	No
910503910269	Yes
910503910270	Yes

## General Information

## CoreLine Panel

order code	ENEC mark	Lamp family	Product Family	Type description
		code	Code	
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
910503910130	ENEC mark	LED34S	RC127V	Office compliant version
910503910131	ENEC mark	LED34S	RC127V	Office compliant version

order code	ENEC mark	Lamp family	Product Family	Type description
		code	Code	
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
910503910028	(0.44, 0.41) SDCM ~LT~5	3000
910503910106	(0.38, 0.38) SDCM ~LT~5	4000
910503910107	(0.44, 0.41) SDCM ~LT~5	3000
910503910108	(0.38, 0.38) SDCM ~LT~5	4000
910503910109	(0.44, 0.41) SDCM ~LT~5	3000
910503910128	(0.38, 0.38) SDCM ~LT~5	4000
910503910129	(0.44, 0.41) SDCM ~LT~5	3000
910503910132	(0.38, 0.38) SDCM ~LT~5	4000
910503910133	(0.44, 0.41) SDCM ~LT~5	3000
910503910130	(0.38, 0.38) SDCM ~LT~5	4000
910503910131	(0.44, 0.41) SDCM ~LT~5	3000

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

### 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
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

order code	Geometry
910503910134	Width 0.30 m, length 1.20 m
910503910135	Width 0.30 m, length 1.20 m
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
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

order code	Driver failure rate at 5000 h
910503910106	0.38
910503910107	0.38



## CoreLine Panel

order code	Driver failure rate at 5000 h
910503910108	0.38
910503910109	0.38
910503910128	1
910503910129	1
910503910132	1
910503910133	1
910503910130	1
910503910131	1
910503910134	1
910503910135	1

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

