



CoreLine SlimDownlight - the clear choice for LED

CoreLine SlimDownlight

CoreLine SlimDownlight is a range of ultra-thin recessed luminaires designed to replace downlight luminaires based on CFL-ni/CFL-I lamp technology. The product's attractive TCO makes it easy for customers to make the switch to LED. CoreLine SlimDownlight delivers a natural 'surface of light' effect for use in general lighting applications. It also offers instant energy savings and a much longer lifetime, making it a real value-for-money and environmentally friendly solution. Installation is easy, as the luminaire fits the same size of cut-out and has an extremely small build-in depth.

Benefits

- Energy savings and longer lifetime reduce operating costs
- One-to-one replacement for conventional luminaires
- The natural 'surface of light' effect creates a comfortable, high-end look

Features

- Diffuse light quality
- Product height of less than 50 mm: fits more ceiling types
- Surface-mounted version enables luminaire to be positioned anywhere
- Available in 1000 and 2000 lumen versions
- Choice of color temperature: 3000 and 4000 K

Application

- General lighting in corridors
- Retail stores
- Reception areas
- Indoor circulation areas

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Specifications

Type	DN135B (recessed version) DN135C (surface mounted version)
Ceiling type	Plaster (board) ceiling
Light source	Non-replaceable LED module
Power	13 W (LED10S) 28 W (LED20S)
Luminous flux	1000 or 2000 lm
Correlated Color	3000 K (Warm white)
Temperature	4000 K (Neutral white)
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
Average ambient temperature	+25 °C
Operating temperature range	+10 to +40 °C

Driver	Separate
Mains voltage	230 or 240 V / 50-60 Hz
Dimming	No dimming
Optic	Round-lit with light guide
Optical cover	Diffuse front foil
Material	Housing: die-cast aluminum Reflector: PMMA
Color	White (WH)
Connection	Push-in connector or with pull relief
Installation	Fixation by means of spring fasteners (recessed version) Metal base plate and screws (surface mounted version) Individual; locking the luminaire into pre-mounted ceiling plate, delivered with the luminaire (surface mounted version) Through-wiring not possible

Versions



CoreLine SlimDownlight DN135B
recessed downlight, 1000 lumen
version



CoreLine SlimDownlight DN135B
recessed downlight, 2000 lumen
version



CoreLine SlimDownlight DN135C
surface-mounted downlight, 1000
lumen version



CoreLine SlimDownlight DN135C
surface-mounted downlight, 2000
lumen version

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Product details

Small built-in height



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Application Conditions

Ambient temperature range	0 to +35 °C
Average ambient temperature	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes (relates to presence/ motion detection and daylight harvesting)

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	No
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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
Optical cover/lens type	Opal
Driver included	Yes
Emergency lighting	-
ENEC mark	-
Flammability mark	-
Gear	-
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1 pc
Optic type	-
Product Family Code	DN135B
Standard RAL color	Traffic white

Initial Performance (IEC Compliant)

Init. Color Rendering Index	~GT~80
Luminous flux tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

General Information

order code	Lamp family code
910503910110	LED10S
910503910111	LED10S
910503910112	LED20S
910503910113	LED20S
910503910114	LED10S
910503910115	LED10S
910503910116	LED20S
910503910117	LED20S

Initial Performance (IEC Compliant)

order code	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910503910110	(0.42, 0.40)	3000 K	77 lm/W	1000 lm	13 W
	SDCM ~LT~5				
910503910111	(0.38, 0.38)	4000 K	77 lm/W	1000 lm	13 W
	SDCM ~LT~5				

order code	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910503910112	(0.42, 0.40)	3000 K	71 lm/W	2000 lm	28 W
	SDCM ~LT~5				
910503910113	(0.38, 0.38)	4000 K	71 lm/W	2000 lm	28 W
	SDCM ~LT~5				

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order code	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910503910114	(0.42, 0.40)	3000 K	77 lm/W	1000 lm	13 W
	SDCM ~LT~5				
910503910115	(0.38, 0.38)	4000 K	77 lm/W	1000 lm	13 W
	SDCM ~LT~5				

order code	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910503910116	(0.42, 0.40)	3000 K	71 lm/W	2000 lm	28 W
	SDCM ~LT~5				
910503910117	(0.38, 0.38)	4000 K	71 lm/W	2000 lm	28 W
	SDCM ~LT~5				

