



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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Versions



CoreLine SlimDownlight DN135B
recessed downlight, 1000 lumen
version



CoreLine SlimDownlight DN135B
recessed downlight, 1000 lumen
version



CoreLine SlimDownlight DN135B
recessed downlight, 2000 lumen
version

Product details



Small built-in height

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Application Conditions

Ambient temperature range	0 to +35 °C
Suitable for random switching	Yes (relates to presence/movement detection and daylight harvesting)

Approval and Application

Mech. impact protection code	IK02
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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
Protection class IEC	Safety class II (II)
Optical cover/lens type	O
Driver included	Yes
Emergency lighting	No
ENEC mark	-
Flammability mark	NO
Gear	-
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Optic type	No

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	>80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	White
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Approval and Application

Order Code	Full Product Name	Ingress protection code
07042099	DN135B LED10S/830 PSU II WH	IP44
07043799	DN135B LED10S/840 PSU II WH	IP44
07044499	DN135B LED20S/830 PSU II WH	IP44
07045199	DN135B LED20S/840 PSU II WH	IP44
07046899	DN135C LED10S/830 PSU II WH	IP20
07047599	DN135C LED10S/840 PSU II WH	IP20
07048299	DN135C LED20S/830 PSU II WH	IP20
07049999	DN135C LED20S/840 PSU II WH	IP20

General Information

Order Code	Full Product Name	Lamp family code
07042099	DN135B LED10S/830 PSU II WH	LED10S
07043799	DN135B LED10S/840 PSU II WH	LED10S
07044499	DN135B LED20S/830 PSU II WH	LED20S
07045199	DN135B LED20S/840 PSU II WH	LED20S

Order Code	Full Product Name	Lamp family code
07046899	DN135C LED10S/830 PSU II WH	LED10S
07047599	DN135C LED10S/840 PSU II WH	LED10S
07048299	DN135C LED20S/830 PSU II WH	LED20S
07049999	DN135C LED20S/840 PSU II WH	LED20S

Initial Performance (IEC Compliant) (1/2)

CoreLine SlimDownlight

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
07042099	DN135B LED10S/830 PSU II WH	(0.42, 0.40) SDCM <5	3000 K	77 lm/W	1000 lm
07043799	DN135B LED10S/840 PSU II WH	(0.38, 0.38) SDCM <5	4000 K	77 lm/W	1000 lm
07044499	DN135B LED20S/830 PSU II WH	(0.42, 0.40) SDCM <5	3000 K	71 lm/W	2000 lm
07045199	DN135B LED20S/840 PSU II WH	(0.38, 0.38) SDCM <5	4000 K	71 lm/W	2000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
07046899	DN135C LED10S/830 PSU II WH	(0.42, 0.40) SDCM <5	3000 K	77 lm/W	1000 lm
07047599	DN135C LED10S/840 PSU II WH	(0.38, 0.38) SDCM <5	4000 K	77 lm/W	1000 lm
07048299	DN135C LED20S/830 PSU II WH	(0.42, 0.40) SDCM <5	3000 K	71 lm/W	2000 lm
07049999	DN135C LED20S/840 PSU II WH	(0.38, 0.38) SDCM <5	4000 K	71 lm/W	2000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
07042099	DN135B LED10S/830 PSU II WH	13 W
07043799	DN135B LED10S/840 PSU II WH	13 W
07044499	DN135B LED20S/830 PSU II WH	28 W
07045199	DN135B LED20S/840 PSU II WH	28 W

Order Code	Full Product Name	Initial input power
07046899	DN135C LED10S/830 PSU II WH	13 W
07047599	DN135C LED10S/840 PSU II WH	13 W
07048299	DN135C LED20S/830 PSU II WH	28 W
07049999	DN135C LED20S/840 PSU II WH	28 W

