



# CoreLine Downlight

DN125B LED20S/840 PSR WH

DN125B - LED Module, system flux 2000 lm - Power supply unit regulating

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. Part of Philips' high-quality CoreLine LED family, the new CoreLine Downlight range of LED products can be used to replace conventional CFL downlights in general lighting applications.

## Product data

### • General information

Product family code	DN125B [DN125B]
Number of light sources	1 [1 pc]
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Lamp colour code	840 [840 white]
Light source replaceable	No [No]
Driver/power unit/transformer	PSR [Power supply unit regulating]
Driver included	Yes [Yes]
Optical cover/lens type	No [-]
Dimmable	Yes [Yes]
Connection	SCREW [Screw connector]
Protection class IEC	CL I [Safety class I]
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Diameter	D200 [200 mm]
Colour	WH [White]
Standard RAL colour	RAL9010 [Pure white]
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE [CE mark]
ENEC mark	No [-]

### • Electrical

Input voltage	220-240 V [220 to 240 V]
Input frequency	50-60 Hz [50 to 60 Hz]

### • Mechanical

Housing material	ALU [Aluminium]
Reflector material	ALU [Aluminium]

### • Initial perform. (IEC compliant)

Initial input power	24 W [24 W]
Initial luminous flux	2000 Lm
Initial LED luminaire efficacy	80 Lm/W
Lamp colour temperature	4000 [4000 K]
Colour Rendering Index	>80 [>80]
Initial chromaticity	(0.38, 0.38) SDCM <5

### • Over time perform. (IEC compliant)

Median useful life	50000 hr
L80B50	
Driver failure rate at 5000 h	1.5 %

### • Application conditions

Average ambient temperature	T25 [+25 °C]
Ambient temperature range	+10 to +40°C [+10 to +40 °C]
Maximum dim level	1%-ELV [1% (depends on dimmer, ELV)]
Suitable for random switching	Yes [Yes (relates to presence/movement detection and daylight harvesting)]



**PHILIPS**

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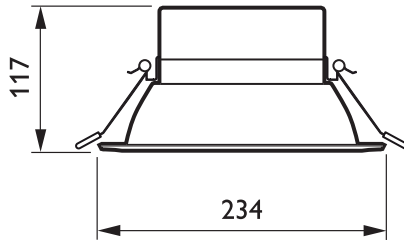
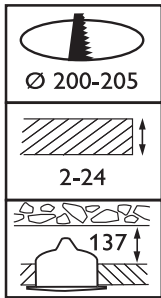
## • Product Data

Order code 294902 99  
Full product code 871016329490299  
Full product name DN125B LED20S/840 PSR WH  
Order product name DN125B LED20S/840 PSR WH  
Pieces per pack 1  
Packs per outerbox 6  
Bar code on pack - EAN1 8710163294902

Bar code on outerbox - EAN3 8710163294940  
Logistic code(s) - 12NC 911401799301  
Net weight per piece 0.560 kg



## Dimensional drawing



DN125B LED20S/840 PSR WH



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data subject to change