# **PHILIPS** Lighting



# CoreLine SlimDownlight

## DN135C LED20S/840 PSU II WH

# LED Module, system flux 2000 lm, 840 neutral white, Power supply unit (On/Off), Safety class II, White

CoreLine slimdownlight delivers on the CoreLine promise of innovative, easy-to-use and high-quality indoor LED downlights. The CoreLine slim downlight is an innovative range of recessed and surface-mounted luminaires. It is designed to provide uniform lighting across multiple application areas. With instant energysavings and a longer lifetime, this is an environmentally friendly and cost-saving solution. Its MultiColorTemp feature offers a choice of two colour temperatures in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes in stock. Simple and easy installation means that our slim downlight fits the same size cut-out, while the minimal built-in depth of 34 mm makes this product an ideal space-saving solution, especially for projects with limited fitting space. InterAct Ready option with integrated wireless communications in this family is available, to be used with InterAct gateways, sensors and software.

#### **Product data**

General Information	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based

	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median
	useful life (B50) value also represents the
	B10 value.
hting Technology	LED
ue ladder	Performance

Ligh Valu

### **CoreLine SlimDownlight**

Yes 5 years - - Temperature 650 °C, duration 5 s Yes 2.000 lm
- - Temperature 650 °C, duration 5 s Yes
Yes
Yes
Yes
2 000 lm
2 000 lm
2 000 lm
2,000 011
4000 K
71 lm/W
>80
- degree(s)
840 neutral white
-
Opal
135°
28
220 to 240 V
50 to 60 Hz
17 A
250 ms
28 W
0.9
Push-in connector with 2 poles and pull relief
-
32
0 to +35 °C
No
Power supply unit (On/Off)
No

Aluminium

#### **Reflector material** Polycarbonate Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Aluminium Housing Colour White Optical cover/lens finish Frosted Overall height 50 mm Overall diameter 215 mm

#### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
	1

#### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

#### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	
life 50,000 h	
Lumen maintenance at median useful	
life* 50,000 h	

#### Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

#### **Product Data** Order product name DN135C LED20S/840 PSU II WH Full product name DN135C LED20S/840 PSU II WH Full EOC 871869607049999 Order code 07049999 Material no. (12 NC) 910503910117 SAP numerator - quantity per pack 1 EAN/UPC - Product/Case 8718696070499 Numerator - packs per outer box 12 EAN/UPC - Case 8718696070574

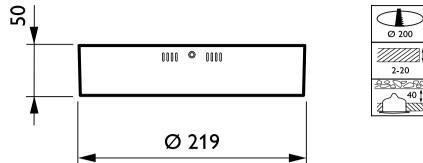
#### Mechanical and Housing

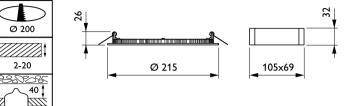
Housing material

Datasheet, 2023, April 29

### CoreLine SlimDownlight

Dimensional drawing







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