CoreLine Downlight

DN130B LED20S/840 PSU PI6 WH

CoreLine Downlight WH - LED Module, system flux 2000 lm - 840 neutral white - Power supply unit - Finger-protected - White

The CoreLine Downlight range of recessed luminaires is designed to replace CFL-ni/CFL-i based downlight luminaires. Their attractive TCO helps customers to make the switch to LED.These luminaires create a natural lighting effect for use in general lighting applications. They also deliver instant energy savings and have a much longer lifetime, creating a real value-for-money and environmentally friendly solution. They are easy to install thanks to their standard cut-out size and push-in connectors.

Product data

General Information	
Number of light sources	1 pc
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Beam angle of light source	120 °
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Wide beam
Optical cover/lens type	Acrylic bowl/cover frosted
Luminaire light beam spread	90°
Connection	Push-in connector 6-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 5 s

Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	15
RoHS mark	RoHS mark
Product family code	DN130B [CoreLine Downlight WH]

Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	16 A
Inrush time	0.32 ms
Power Factor (Min)	0.9

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Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Aluminum
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall height	109 mm
Overall diameter	216 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

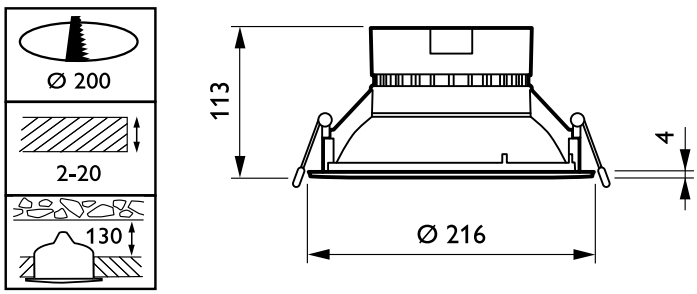
Initial Performance (IEC Compliant)	
Initial luminous flux	2100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	95 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.38, 0.37) SDCM <5
Initial input power	22 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	1.5 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions	
Ambient temperature range	-10 to +40 °C
Average ambient temperature	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data	
Full product code	871869685271200
Order product name	DN130B LED20S/840 PSU PI6 WH
EAN/UPC - Product	8718696852712
Order code	910500457726
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500457726
Net Weight (Piece)	0.700 kg

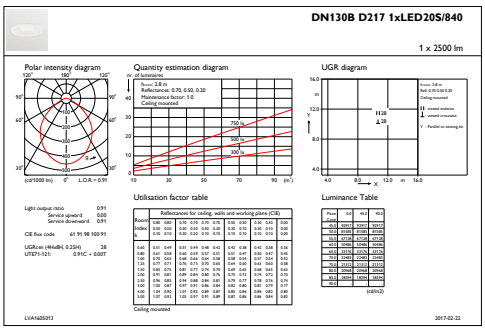
Dimensional drawing



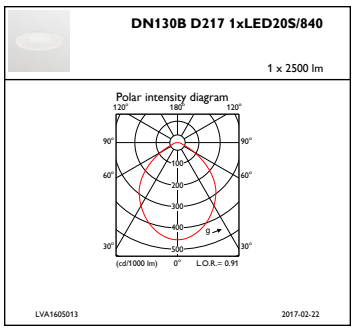
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Photometric data



IFGU1_DN130BD2171xLED20S840



IFPC1_DN130BD2171xLED20S840

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