



CoreLine Downlight

DN140B LED20S/830 WIA-E C

Coreline Downlight Gen4 – 830 warm white – Power supply unit with SystemReady interface, Interact-ready – High-gloss mirror – Push-in connector and pull relief – Finger-protected

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		Flammability mark	
Beam angle of light source	120 °	F [For mounting on normally flammable surfaces]	
Light source colour	830 warm white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	Power supply unit with SystemReady interface, Interact-ready	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	24
Optic type	C [High-gloss mirror]	EU RoHS compliant	Yes
Luminaire light beam spread	60°	Product family code	DN140B [Coreline Downlight Gen4]
Control interface	InterAct Pro	Unified glare rating CEN	22
Connection	Push-in connector and pull relief	Operating and Electrical	
Cable	-	Input Voltage	220-240 V
Protection class IEC	Safety class II	Input frequency	50 to 60 Hz
Glow-wire test	Temperature 850 °C, duration 30 s	Inrush current	4.8 A

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Inrush time	0.056 ms
Power factor (min.)	0.95

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Polycarbonate aluminium coated
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall height	108 mm
Overall diameter	216 mm
Colour	White RAL 9003
Dimensions (height x width x depth)	108 x NaN x NaN mm (4.3 x NaN x NaN in)

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 (system flux)	2200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	107 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	>80

Initial chromaticity	(0.435,0.405) SDCM≤5
Initial input power	20.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

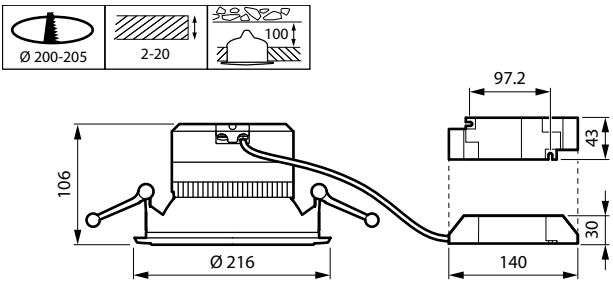
Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Yes

Product Data

Full product code	871869997624800
Order product name	DN140B LED20S/830 WIA-E C
EAN/UPC – product	8718699976248
Order code	97624800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910505101317
SAP net weight (piece)	0.950 kg



Dimensional drawing



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