



# CoreLine Downlight – The clear choice for LED

## CoreLine Downlight

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.

### Benefits

- Reduced operating costs thanks to energy saving and longer lifetime
- One-to-one replacement, facilitating the switch from conventional to LED luminaires
- Suitable for professional applications thanks to DALI dimming and aluminum reflector

### Features

- Available in 1100 and 2100 lumen versions
- Energy-efficient: up to 100 lm/W
- DALI version available
- Choice of color temperature: 3000 and 4000 K
- Protected glass available as an option (also enables IP44 protection)

### Application

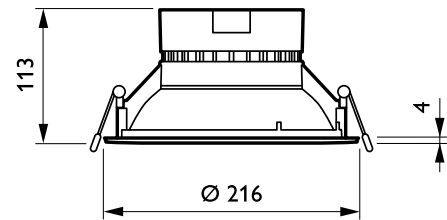
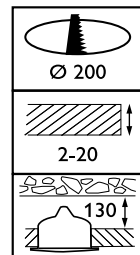
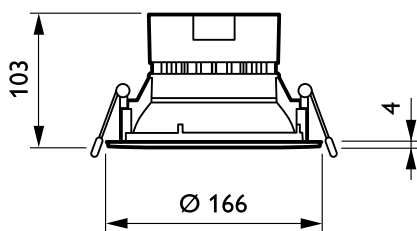
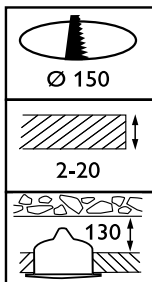
- General lighting in corridors
- Retail stores
- Reception areas
- Indoor circulation areas

**PHILIPS**

## Related products

CoreLine Downlight gen3 DN130B  
luminaire, 1000 lumen versionCoreLine Downlight gen3 DN130B  
luminaire, 2000 lumen versionCoreLine Downlight gen3 DN131B  
luminaire, 1000 lumen versionCoreLine Downlight gen3 DN131B  
luminaire, 2000 lumen version

## Dimensional drawing



## General Information (1/2)

order code	Cap-Base	CE mark	Protection class IEC	Optical cover/lens type	Driver included	ENEC mark	Flammability mark	Gear	Glow-wire test	Lamp family code
85222400	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED10S
85223100	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED10S
85269900	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED10S
85270500	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED10S
87881100	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED10S
87882800	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED10S
87883500	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED10S
87884200	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED10S
85224800	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED20S
85225500	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED20S
85271200	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED20S
85272900	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED20S

order code	Cap-Base	CE mark	Protection class IEC	Optical cover/lens type	Driver included	ENEC mark	Flammability mark	Gear	Glow-wire test	Lamp family code
87885900	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED20S
87886600	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED20S
87887300	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED20S
87888000	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED20S
85226200	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED10S
85227900	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED10S
85273600	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED10S
85274300	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED10S
87889700	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED10S
87890300	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED10S
87891000	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED10S
87892700	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED10S
85228600	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED20S
85229300	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED20S
85275000	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED20S
85276700	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED20S
87893400	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED20S
87894100	-	CE mark	Safety class I (I)	ACF	Yes	-	F	No	850/5	LED20S
87895800	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED20S
87896500	-	CE mark	Safety class II (II)	ACF	Yes	-	F	No	850/5	LED20S

## General Information (2/2)

order code	Light source replaceable	Number of light sources	Optic type	Product Family Code	UL mark
85222400	No	1	WB	DN130B	No
85223100	No	1	WB	DN130B	No
85269900	No	1	WB	DN130B	No
85270500	No	1	WB	DN130B	No
87881100	No	1	WB	DN130B	No
87882800	No	1	WB	DN130B	No
87883500	No	1	WB	DN130B	No
87884200	No	1	WB	DN130B	No
85224800	No	1	WB	DN130B	No
85225500	No	1	WB	DN130B	No
85271200	No	1	WB	DN130B	No
85272900	No	1	WB	DN130B	No
87885900	No	1	WB	DN130B	No
87886600	No	1	WB	DN130B	No
87887300	No	1	WB	DN130B	No
87888000	No	1	WB	DN130B	No
85226200	No	1	WB	DN131B	No

order code	Light source replaceable	Number of light sources	Optic type	Product Family Code	UL mark
85227900	No	1	WB	DN131B	No
85273600	No	1	WB	DN131B	No
85274300	No	1	WB	DN131B	No
87889700	No	1	WB	DN131B	No
87890300	No	1	WB	DN131B	No
87891000	No	1	WB	DN131B	No
87892700	No	1	WB	DN131B	No
85228600	No	1	WB	DN131B	No
85229300	No	1	WB	DN131B	No
85275000	No	1	WB	DN131B	No
85276700	No	1	WB	DN131B	No
87893400	No	1	WB	DN131B	No
87894100	No	1	WB	DN131B	No
87895800	No	1	WB	DN131B	No
87896500	No	1	WB	DN131B	No

## Initial Performance (IEC Compliant)

order code	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
85222400	(0.43, 0.40) SDCM ~LT~5	3000 K	80	100	1100	11
85223100	(0.43, 0.40) SDCM ~LT~5	3000 K	80	100	1100	11
85269900	(0.38, 0.37) SDCM ~LT~5	4000 K	80	100	1100	11
85270500	(0.38, 0.37) SDCM ~LT~5	4000 K	80	100	1100	11
87881100	(0.43, 0.40) SDCM ~LT~5	3000 K	80	100	1100	11
87882800	(0.38, 0.37) SDCM ~LT~5	4000 K	80	100	1100	11
87883500	(0.43, 0.40) SDCM ~LT~5	3000 K	80	100	1100	11
87884200	(0.38, 0.37) SDCM ~LT~5	4000 K	80	100	1100	11
85224800	(0.43, 0.40) SDCM ~LT~5	3000 K	80	95	2100	22
85225500	(0.43, 0.40) SDCM ~LT~5	3000 K	80	95	2100	22
85271200	(0.38, 0.37) SDCM ~LT~5	4000 K	80	95	2100	22
85272900	(0.38, 0.37) SDCM ~LT~5	4000 K	80	95	2100	22
87885900	(0.43, 0.40) SDCM ~LT~5	3000 K	80	95	2100	22
87886600	(0.38, 0.37) SDCM ~LT~5	4000 K	80	95	2100	22
87887300	(0.43, 0.40) SDCM ~LT~5	3000 K	80	95	2100	22
87888000	(0.38, 0.37) SDCM ~LT~5	4000 K	80	95	2100	22
85226200	(0.43, 0.40) SDCM ~LT~5	3000 K	80	100	1100	11
85227900	(0.43, 0.40) SDCM ~LT~5	3000 K	80	100	1100	11
85273600	(0.38, 0.37) SDCM ~LT~5	4000 K	80	100	1100	11
85274300	(0.38, 0.37) SDCM ~LT~5	4000 K	80	100	1100	11
87889700	(0.43, 0.40) SDCM ~LT~5	3000 K	80	100	1100	11
87890300	(0.38, 0.37) SDCM ~LT~5	4000 K	80	100	1100	11
87891000	(0.43, 0.40) SDCM ~LT~5	3000 K	80	100	1100	11
87892700	(0.38, 0.37) SDCM ~LT~5	4000 K	80	100	1100	11
85228600	(0.43, 0.40) SDCM ~LT~5	3000 K	80	95	2100	22
85229300	(0.43, 0.40) SDCM ~LT~5	3000 K	80	95	2100	22
85275000	(0.38, 0.37) SDCM ~LT~5	4000 K	80	95	2100	22
85276700	(0.38, 0.37) SDCM ~LT~5	4000 K	80	95	2100	22
87893400	(0.43, 0.40) SDCM ~LT~5	3000 K	80	95	2100	22
87894100	(0.38, 0.37) SDCM ~LT~5	4000 K	80	95	2100	22
87895800	(0.43, 0.40) SDCM ~LT~5	3000 K	80	95	2100	22
87896500	(0.38, 0.37) SDCM ~LT~5	4000 K	80	95	2100	22

## Operating and Electrical

order code	Input Voltage
85222400	220 to 240
85223100	220 to 240
85269900	220 to 240
85270500	220 to 240
87881100	220 to 240
87882800	220 to 240
87883500	220 to 240
87884200	220 to 240
85224800	220 to 240
85225500	220 to 240
85271200	220 to 240

order code	Input Voltage
85272900	220 to 240
87885900	220 to 240
87886600	220 to 240
87887300	220 to 240
87888000	220 to 240
85226200	220 to 240
85227900	220 to 240
85273600	220 to 240
85274300	220 to 240
87889700	220 to 240
87890300	220 to 240

order code	Input Voltage
87891000	220 to 240
87892700	220 to 240
85228600	220 to 240
85229300	220 to 240
85275000	220 to 240
85276700	220 to 240
87893400	220 to 240
87894100	220 to 240
87895800	220 to 240
87896500	220 to 240

## Mechanical and Housing

order code	Color
85222400	White
85223100	White
85269900	White
85270500	White
87881100	White
87882800	White
87883500	White
87884200	White
85224800	White
85225500	White
85271200	White
85272900	White
87885900	White
87886600	White
87887300	White
87888000	White
85226200	Aluminium
85227900	Aluminium
85273600	Aluminium
85274300	Aluminium
87889700	Aluminium
87890300	Aluminium
87891000	Aluminium
87892700	Aluminium
85228600	Aluminium
85229300	Aluminium
85275000	Aluminium
85276700	Aluminium

order code	Color
87893400	Aluminium
87894100	Aluminium
87895800	Aluminium
87896500	Aluminium

## Approval and Application

order code	Mech. impact protection code	Ingress protection code
85222400	IK02	IP20
85223100	IK02	IP20
85269900	IK02	IP20
85270500	IK02	IP20
87881100	IK02	IP44
87882800	IK02	IP44
87883500	IK02	IP44
87884200	IK02	IP44
85224800	IK02	IP20
85225500	IK02	IP20
85271200	IK02	IP20
85272900	IK02	IP20
87885900	IK02	IP44
87886600	IK02	IP44
87887300	IK02	IP44
87888000	IK02	IP44
85226200	IK02	IP20
85227900	IK02	IP20
85273600	IK02	IP20
85274300	IK02	IP20
87889700	IK02	IP44
87890300	IK02	IP44
87891000	IK02	IP44
87892700	IK02	IP44
85228600	IK02	IP20
85229300	IK02	IP20
85275000	IK02	IP20
85276700	IK02	IP20
87893400	IK02	IP44
87894100	IK02	IP44
87895800	IK02	IP44
87896500	IK02	IP44



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