

## PUNCTOLED DL

### LED downlights



#### Areas of application

- Downlight suitable for suspended as well as concrete ceilings
- Corridors, entrances, foyers, stairwells, elevators
- Secondary rooms

#### Product benefits

- Direct connection to AC power supply thanks to integrated control gear
- White satin-frosted diffuser for uniform glare-free light
- Easy transport and installation due to a low weight of max. 235 g
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- 1:1 alternative for 1 x 26 W or 2 x 26 W CFL downlights (direct replacement)

#### Product features

- Compatible with standard ceiling cutouts of 150 mm or 200 mm
- Integrated electronic control gear for direct power connection
- Long lifetime (L70/B50): up to 30,000 h



# Product family datasheet

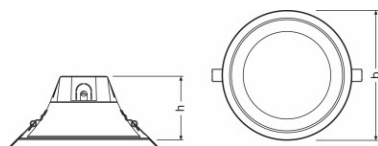
## Technical data

	Electrical data		Photometrical data				Light technical data	Dimensions & weight		Colors & materials	
Product description	Nominal wattage	Nominal voltage	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Beam angle	Diameter	Height	Body material	Product color
PUNCTOLED DL 13 W 3000 K	13 W	230 V	3000 K	1050 lm	Warm white	>80	80 °	165.0 mm	80.0 mm	Aluminum	White
PUNCTOLED DL 13 W 4000 K	13 W	230 V	4000 K	1100 lm	Cool white	>80	80 °	165.0 mm	80.0 mm	Aluminum	White
PUNCTOLED DL 23 W 3000 K	24 W	230 V	3000 K	1900 lm	Warm white	>80	80 °	216.0 mm	90.0 mm	Aluminum	White
PUNCTOLED DL 23 W 4000 K	24 W	230 V	4000 K	1950 lm	Cool white	>80	80 °	216.0 mm	90.0 mm	Aluminum	White

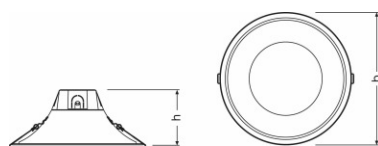
  

	Capabilities	Certificates & standards		Country specific categorizations
Product description	Type of installation	Protection class	Type of protection	Order reference
PUNCTOLED DL 13 W 3000 K	Recessed	I	IP20	PUNCTOLED DL 15
PUNCTOLED DL 13 W 4000 K	Recessed	I	IP20	PUNCTOLED DL 15
PUNCTOLED DL 23 W 3000 K	Recessed	I	IP20	PUNCTOLED DL 20
PUNCTOLED DL 23 W 4000 K	Recessed	I	IP20	PUNCTOLED DL 20

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PUNCTOLED DL 13 W 3000 K,  
PUNCTOLED DL 13 W 4000 K



PUNCTOLED DL 23 W 3000 K,  
PUNCTOLED DL 23 W 4000 K

### Application advice

For more detailed application information and graphics please see product datasheet.

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899934122	PUNCTOLED DL 13 W 3000 K	Shipping carton box 18	605 mm x 410 mm x 298 mm	73.92 dm <sup>3</sup>	7107.00 g
4052899934139	PUNCTOLED DL 13 W 4000 K	Shipping carton box 18	605 mm x 410 mm x 298 mm	73.92 dm <sup>3</sup>	7070.00 g

## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899934146	PUNCTOLED DL 23 W 3000 K	Shipping carton box 12	515 mm x 508 mm x 328 mm	85.81 dm <sup>3</sup>	7024.00 g
4052899934153	PUNCTOLED DL 23 W 4000 K	Shipping carton box 12	515 mm x 508 mm x 328 mm	85.81 dm <sup>3</sup>	7105.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.