

## OPTIVALU Down Light 6

LED downlights



### Areas of application

- Replacement for downlight applications with compact fluorescent lamps
- Offices
- Retail
- Shopping malls
- Lobbies
- Corridors
- Commercial buildings

### Product family benefits

- Energy savings of up to 60 % compared to luminaires that use CFL
- Wide beam angle
- High light uniformity and glare-free light thanks to diffuser
- Variable installation possibilities
- Short pay-off time

### Product family features

- High luminous efficacy: up to 100 lm/W
- Housing made of 1.2 mm thick metal
- Lifetime: up to 50,000 h
- Wide range of different versions



## Product family datasheet

### Technical data

Product description	Product information	Electrical data			
	Order reference	Operating mode	Connected load	Nominal wattage	Supply voltage
OPTV DL 12 W 840	OPTV DL 612 840	ECG	12 W	12 W	220...240 V
OPTV DL 16 W 830	OPTV DL 616 830	ECG	16 W	16 W	220...240 V
OPTV DL 16 W 865	OPTV DL 616 865	ECG	16 W	16 W	220...240 V
OPTV DL 12 W 830	OPTV DL 612 830	ECG	12 W	12 W	220...240 V
OPTV DL 12 W 865	OPTV DL 612 865	ECG	12 W	12 W	220...240 V
OPTV DL 16 W 840	OPTV DL 616 840	ECG	16 W	16 W	220...240 V

Product description	Nominal voltage	Mains frequency	Photometrical data			
			Color temperature	Color temperature [AGMP]	Luminous flux	Color rendering index Ra [AGMP]
OPTV DL 12 W 840	220...240 V	50/60 Hz	4000 K	4000 K	1200 lm	>80
OPTV DL 16 W 830	220...240 V	50/60 Hz	3000 K	3000 K	1400 lm	>80
OPTV DL 16 W 865	220...240 V	50/60 Hz	6500 K	6500 K	1600 lm	>80
OPTV DL 12 W 830	220...240 V	50/60 Hz	3000 K	3000 K	1100 lm	>80
OPTV DL 12 W 865	220...240 V	50/60 Hz	6500 K	6500 K	1200 lm	>80
OPTV DL 16 W 840	220...240 V	50/60 Hz	4000 K	4000 K	1600 lm	>80

Product description	Color rendering index Ra	Light technical data	Dimensions & weight		Colors & materials
		Beam angle	Length	Height	Body material
OPTV DL 12 W 840	>80	90 °	167.0 mm	100.0 mm	aluminium
OPTV DL 16 W 830	>80	90 °	167.0 mm	100.0 mm	aluminium
OPTV DL 16 W 865	>80	90 °	167.0 mm	100.0 mm	aluminium
OPTV DL 12 W 830	>80	90 °	167.0 mm	100.0 mm	aluminium
OPTV DL 12 W 865	>80	90 °	167.0 mm	100.0 mm	aluminium
OPTV DL 16 W 840	>80	90 °	167.0 mm	100.0 mm	aluminium

## Product family datasheet

Product description	Product color	Cover material	Temperatures & operating conditions	Capabilities	
			Ambient temperature range	Type of installation	Type of connection
OPTV DL 12 W 840	white	PC	-20...+40 °C	recessed	with single terminals
OPTV DL 16 W 830	white	PC	-20...+40 °C	recessed	with single terminals
OPTV DL 16 W 865	white	PC	-20...+40 °C	recessed	with single terminals
OPTV DL 12 W 830	white	PC	-20...+40 °C	recessed	with single terminals
OPTV DL 12 W 865	white	PC	-20...+40 °C	recessed	with single terminals
OPTV DL 16 W 840	white	PC	-20...+40 °C	recessed	with single terminals

Product description	Certificates & standards	
	Protection class	Type of protection
OPTV DL 12 W 840	insulation class I (protective earthing)	IP20
OPTV DL 16 W 830	insulation class I (protective earthing)	IP20
OPTV DL 16 W 865	insulation class I (protective earthing)	IP20
OPTV DL 12 W 830	insulation class I (protective earthing)	IP20
OPTV DL 12 W 865	insulation class I (protective earthing)	IP20
OPTV DL 16 W 840	insulation class I (protective earthing)	IP20

## Product family datasheet

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### Application advice

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

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### Disclaimer

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