Light is flat

OSRAM UltraFlat-System
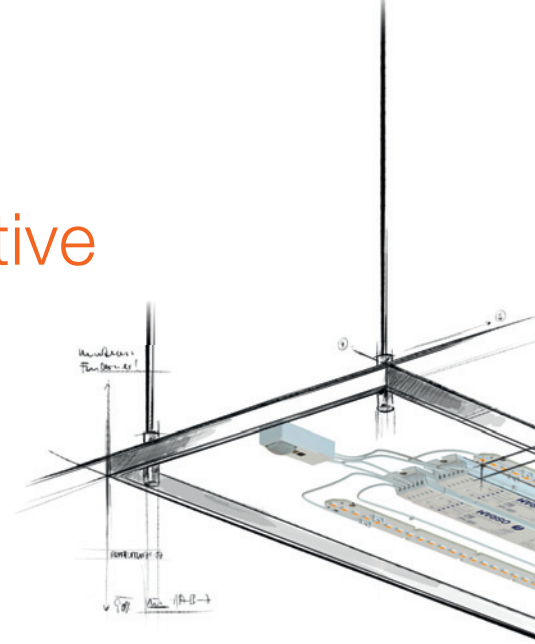
Your design visions become reality

With a depth of just 11 mm, our UltraFlat DALI LED driver teams up perfectly with the PrevaLED® Linear Slim LED module and the small OSRAM UltraFlat light and motion sensor enabling you to realize luminaire designs that were not possible before.

Light is OSRAM

OSRAM

Experience a new era in creative luminaire design!

An ultraflat DALI LED driver, the OSRAM UltraFlat light and motion sensor perfectly coordinated with it and the extra slim LED module PrevaLED® Linear Slim: The innovative OSRAM UltraFlat-System will enable you to create unique, design-oriented luminaires with an effective installation depth of just 11 mm.

The OSRAM UltraFlat-System: unparalleled freedom in design – with the highest level of efficiency and perfect interaction

No matter what you may have in mind: You can turn your vision into reality with the help of the new and innovative OSRAM UltraFlat-System. With their ultraflat drivers, sensors and the large choice of LED modules that come in different light colors and lengths, this OSRAM system solution offers just about every feature that creative luminaire producers and lighting planners can dream of. You can profit from a casing height of just 11 mm – and from the unsurpassed design freedom it creates.
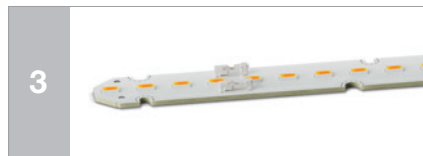

OSRAM OPTOTRONIC® UltraFlat DALI LED driver:
— Incomparable casing height of just 11 mm
— 50 % flatter than standard OTi® DALI – with optimized performance and functionality
— An array of programming interfaces: DALI, LEDset2, NFC
— Low current ripple: less than 1 %
— Very high efficiency: up to 93 %
— Low standby consumption
— Lifetime: 50,000 hours (at Tc max)
— Analog, continuously dimmable light of 1 % to 100 %
— According to DALI 2 standard
— Complete product family with uniform design and layout
— Intelligent features like Fit for Smart Grid, Touch DIM function, corridor function, Fit for Emergency included

OSRAM light and motion sensors:
— Extremely small: $50 \times 20 \times 11$ mm
— Lifetime: 50,000 hours (at Tc max)
— Detection range*: motion $\leq 6 \times 6$ m, presence $\leq 4 \times 4$ m
— Touch DIM version for smart individual luminaires
— DALI version for integration into DALI control systems

OSRAM PrevaLED® Linear Slim:
— 20 mm LED module with high luminous efficacy: up to 173 lm/W
— Wide selection of light colors from 3,000 K to 6,500 K and color rendering of > 80, > 90
— A large range of module lengths: 140, 280, 560 and 1,400 mm
— High homogeneity thanks to low LED pitch

* For 3 m installation heights

Innovation and quality are part of a system at our company

From LED drivers and LED modules to light management systems – everything comes from a single source and from a leading brand on which you can rely at any time and in any situation.

OSRAM's complete LED system solutions: for every luminaire, every application and every application area with a system guarantee*
We provide you with reliable, easily integrated and user friendly hardware and software that you can use to successfully perform all of your LED projects. On request, we are also able to develop customized module solutions for you.

* You will find more details about the OSRAM guarantee at www.osram.com/corporate/home/services/guarantees

One click will take you to an individual light solution: **www.osram.com/tailormade**

OSRAM OPTOTRONIC® UltraFlat DALI LED driver

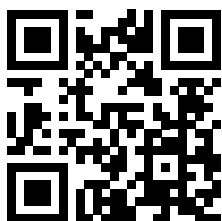| Product name	Product code	Line voltage AC	Input voltage DC	Nominal output voltage	Nominal output current	Nominal output power	Ambient temperature range
OTi DALI 35/220…240/400 D LT2 UF L	4052899**957022**	198…264 V	176…276 V	54…240 V	75…400 mA	4…38 W	−25…+60 °C
OTi DALI 75/220…240/700 D LT2 UF L	4052899**957046**	198…264 V	176…276 V	54…240 V	75…700 mA	9,7…75 W	−25…+50 °C

OSRAM UltraFlat light and motion sensors

Product name	Product code	Motion detection range*	Presence detection range*	Light sensing range	Installation type	Protection class	Ambient temperature range
LS/PD LT2 LI UF	4052899**984615**	6 × 6 m	4 × 4 m	10…1,000 lx	Luminaire installation	IP 20	0…+50 °C
LS/PD DALI LI UF	4052899**984608**	6 × 6 m	4 × 4 m	10…1,000 lx	Luminaire installation	IP 20	0…+50 °C

* For 3 m installation heights

OSRAM PrevaLED® Linear Slim (portfolio excerpt, construction length 560 mm)

Product name	Product code	Nominal wattage	Color temperature	Total useful luminous flux	Module efficacy	Nom. useful luminous flux 120°	Color rendering index R_a
PL-LIN S-Z3 4000-830 560	4052899**347144**	23.10 W	3,000 K	4,000 lm	150 lm/W	4,000 lm	> 80
PL-LIN S-Z3 4000-840 560	4052899**347168**	23.10 W	4,000 K	4,000 lm	169 lm/W	4,000 lm	> 80
PL-LIN S-Z3 4000-865 560	4052899**347182**	23.10 W	6,500 K	4,000 lm	163 lm/W	4,000 lm	> 80

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