



LEDVANCE



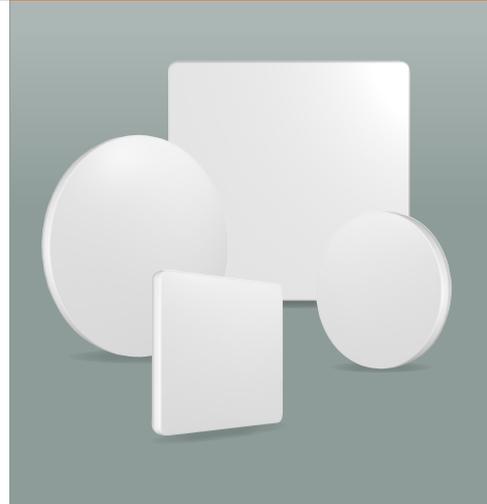
100000h
LIFETIME

140
lm/W
EFFICIENCY

Low profile, highly versatile
and robust

THE NEW SURFACE FLAT

THE SUSTAINABLE SOLUTION FOR YOUR
CORRIDORS AND STAIRWELLS



SURFACE FLAT

SMALL-SPACE SUSTAINABILITY

PERFORMANCE CLASS

SURFACE FLAT luminaires from LEDVANCE come in round or square shapes and feature a modern, flat design which integrates perfectly into a wide variety of environments. This is matched by their versatile functionality thanks to simple lumen and colour adjustment via MULTI SELECT as well as various sensor and two DALI-2 versions. But best of all, SURFACE FLAT luminaires are also sustainable. Not only are they highly efficient, they also have an impressive average lifetime. As an EVERLOOP luminaire, SURFACE FLAT can remain in use almost indefinitely because the components are very easy to replace.

- + **Flat design** in round and square shapes, 330 or 500 mm, height 65 or 71 mm
- + **High performance** with a lifetime of up to 100 000 hours (L80) and an efficiency of up to 140 lm/W.
- + **Sustainability:** light source and driver also available separately as components for easy upgrade or replacement
- + **Easy installation:** Through-wiring possible from backside and sides around 320°
- + **MULTI SELECT features:** MULTI COLOUR (3 000 K/4 000 K) and MULTI LUMEN (2 steps 100 %/70 %, only on/off version)
- + **Light control:** On/Off, DALI-2 (500 mm), high-frequency sensor version with corridor function/grouping/stairwell option
- + **Robust:** IP54, IK08, D-Mark (low surface temperature)

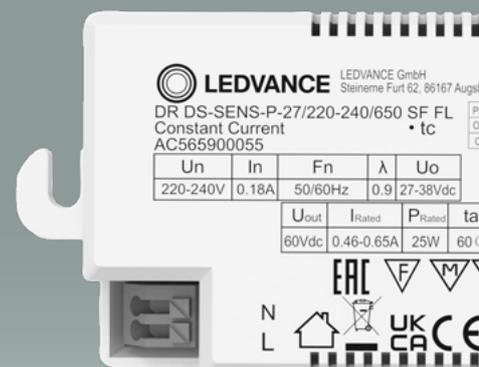


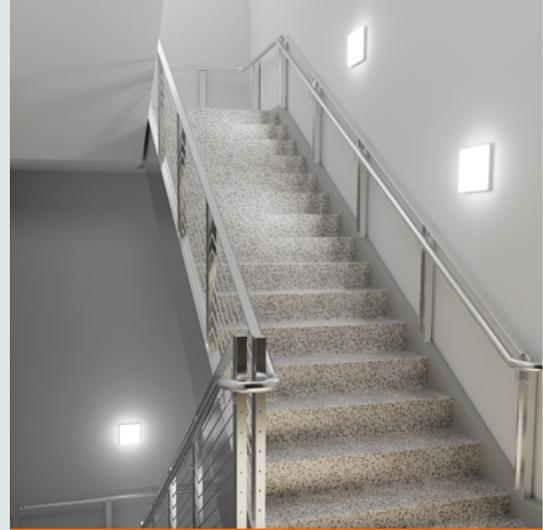
ADAPTS TO YOUR ENVIRONMENT

SURFACE FLAT WITH MULTI SELECT

Thanks to the MULTI SELECT function, you can easily set the luminous flux and light colour on the driver. This means that the right luminaire is at hand for a wide range of applications and at any time. For lighting installers MULTI SELECT guarantees maximum flexibility with just one luminaire, and for wholesalers it provides the benefit of reduced storage space and optimised advice, translating into easier day-to-day business for both.

Learn more about MULTI SELECT at ledvance.com/multiselect

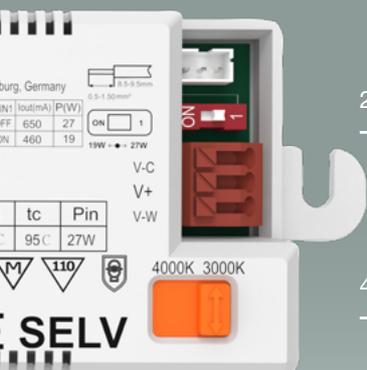




FRAMES AVAILABLE SEPARATELY, SILVER DESIGN



Sustainable replacement of light source and driver contributing to a circular life cycle



2 step lumen



4000 K/3000 K



SF FLAT RD/SQ	Driver	CCTK	lm
SF FLAT 330	DR DS SENS-P-19/220-240/450 SF FL	4000	2 660
SF FLAT SEN 330	EAN 4099854292859	3000	1 660
		3000	2 490
			1 560
SF FLAT 500	DR DS-SENS-P-27/220-240/650 SF FL	4000	3 780
SF FLAT 500	EAN 4099854292873	3000	2 660
			3 600
			2 530
SF FLAT DALI 500	OTi DALI 50/220...240/1A4 NFC	4000	3 780
	EAN 4062172061889	3000	3 600

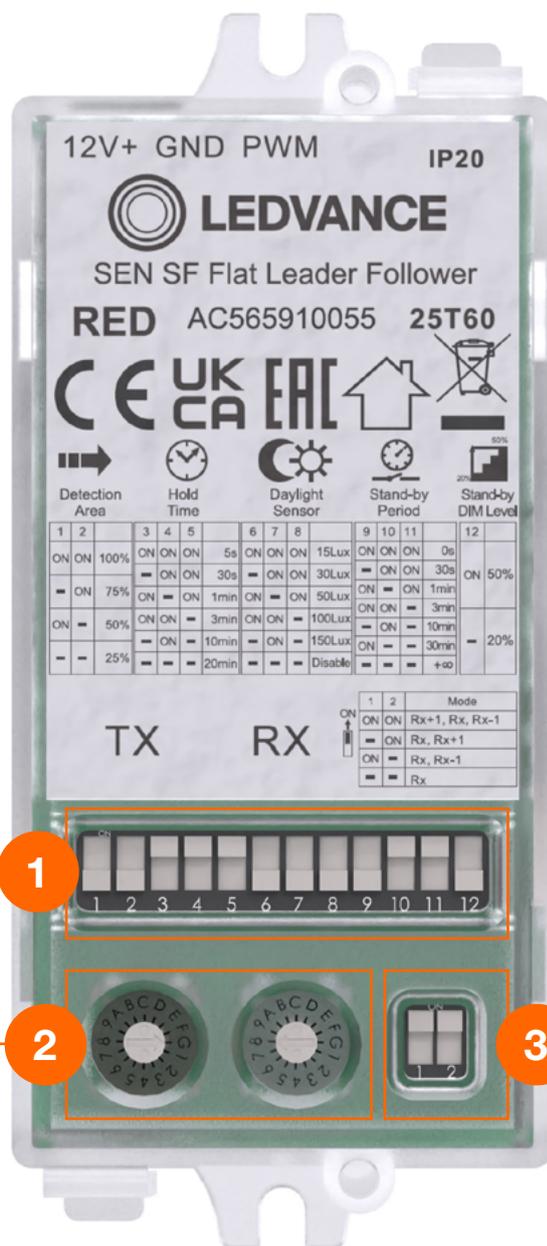
FOR MAXIMUM EFFICIENCY SURFACE FLAT SENSOR

SAVE ENERGY AND COSTS WITH LIGHT- AND MOTION-CONTROLLED ILLUMINATION.



1 SENSOR SETTINGS FOR THE INDIVIDUAL LUMINAIRE

The detection range, hold time, lx value and corridor function (dimming value/dimming duration) can be set on the high-frequency sensor.



12V+ GND PWM IP20



SEN SF Flat Leader Follower

RED AC565910055 25T60



Detection Area Hold Time Daylight Sensor Stand-by Period Stand-by DIM Level

1	2	3	4	5	6	7	8	9	10	11	12
ON	ON	100%	ON	ON	5s	ON	ON	15Lux	ON	ON	0s
-	ON	75%	ON	ON	30s	-	ON	30Lux	-	ON	30s
ON	-	50%	ON	ON	1min	ON	ON	50Lux	ON	ON	1min
-	-	25%	ON	ON	3min	ON	ON	100Lux	ON	ON	3min
-	-	-	-	ON	10min	-	ON	150Lux	ON	-	10min
-	-	-	-	-	20min	-	-	Disable	ON	-	30min
-	-	-	-	-	-	-	-	-	-	-	+∞

1	2	Mode
ON	ON	Rx+1, Rx, Rx-1
-	ON	Rx, Rx+1
ON	-	Rx, Rx-1
-	-	Rx

FLEXIBLE EFFICIENCY:

- The sensor is replaceable and upgradeable without tools
- Intelligent settings without app

Light exactly when it's needed. Especially in hallways, corridors and other areas with medium traffic, SURFACE FLAT luminaires with light and motion sensors can achieve enormous potential savings as the lighting is only activated in the dark and in the presence of people. This is particularly convenient and safety-conscious in SURFACE FLAT sensor luminaires thanks to group interaction and corridor function. Grouping and RX mode mean that people never walk into the darkness, as would be the case with sensor luminaires that do not communicate with each other.

Watch our SURFACE FLAT video to get all the insights on the sustainable luminaire and its sensor functions



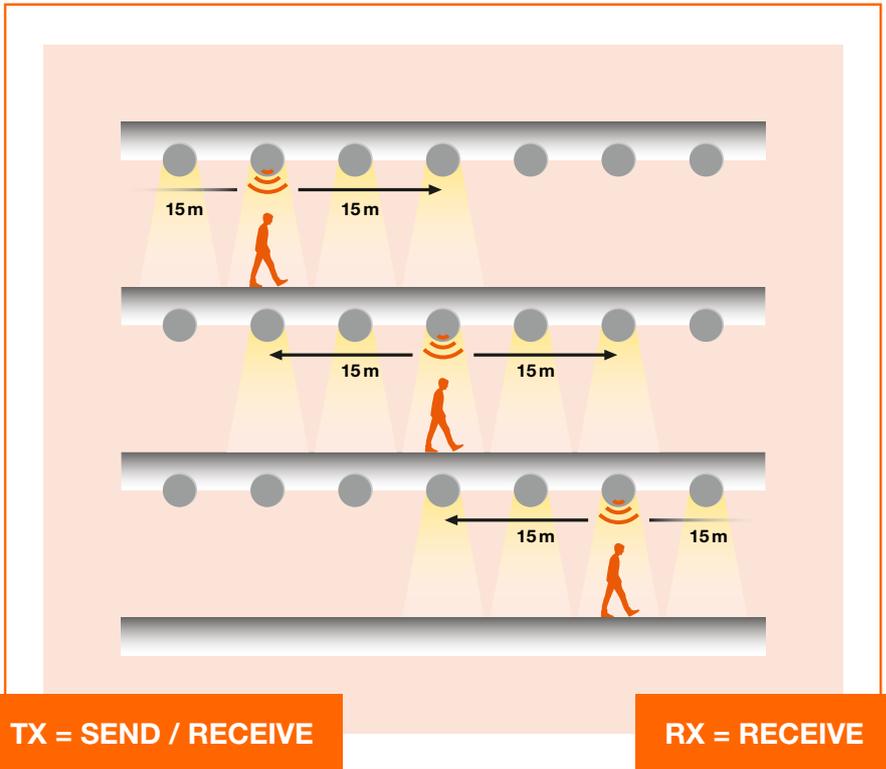
XXX Link: ledvance.com/xxxxxxxxxxxxx

Video under construction.
EN-Master YouTube Link will be shared.

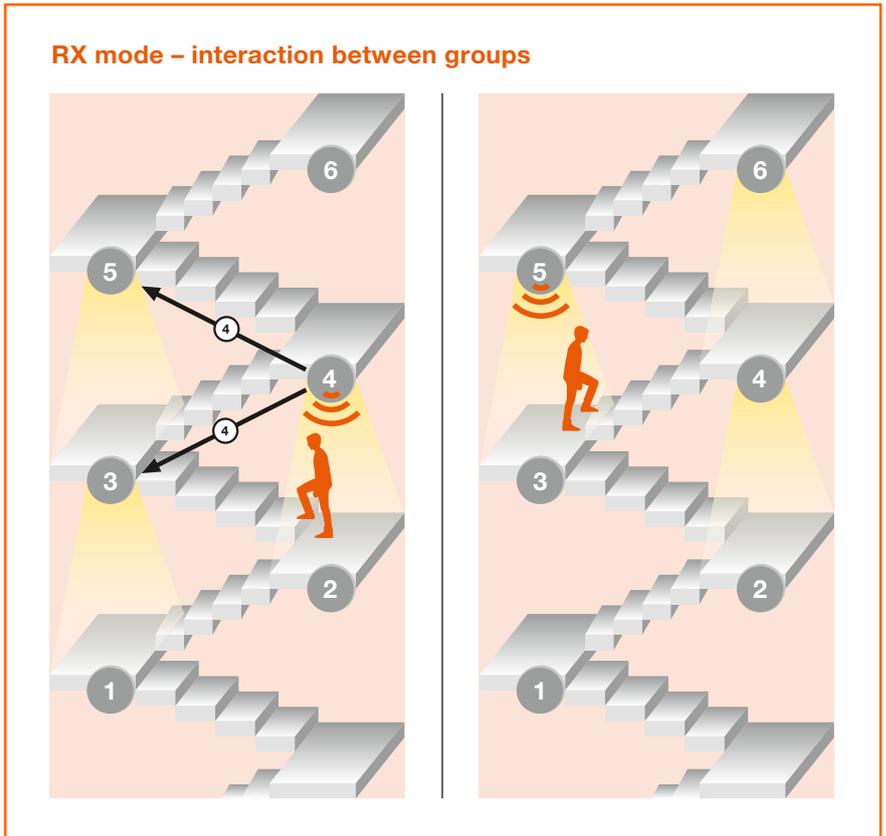
2 SURFACE FLAT SENSOR GROUPING FUNCTION

HOW DOES THE FEATURE WORK?

The SURFACE FLAT Sensor luminaires can be grouped in up to 15 individual groups. Once one luminaire is getting activated by movement it will trigger other luminaries in the group within a 15 m radius. Ideal for corridors/ stairwells and lighting areas which need to be separated.



3 SURFACE FLAT SENSOR RX MODE FOR CONVENIENCE, SAFETY AND ENERGY SAVINGS



HIGHLY SUSTAINABLE THE FUTURE IS CIRCULAR



**REPLACE,
DON'T WASTE**

EVERLOOP luminaires are designed so that their light sources and drivers can be easily replaced, which means the luminaires themselves can remain in use almost indefinitely.

With its innovative EVERLOOP luminaires, LEDVANCE has been launching a new product line that encourages the transition from a linear to a circular lifecycle. Their USP is that any of the critical components can be easily upgraded. The luminaires and the overall installation can therefore always be kept functional and up-to-date – resulting in an almost unlimited life.

YOUR BENEFITS AT A GLANCE



LESS WASTE

The only components that get replaced are the ones that are either faulty or out of date. This reduces electronic waste – in line with future EU requirements.



LONG LIFE

Once installed, an EVERLOOP luminaire can be in use almost indefinitely. Not only is that a good example of sustainability, it also saves costs in the long term.



FUTURE-PROOF SOLUTION

Increasingly more tenders, projects and funding programmes have reparability as one of their requirements. With EVERLOOP you are always on the safe side.



CONVENIENT UPGRADES

The LED light sources and drivers can be easily replaced so you can adapt EVERLOOP luminaires to changing conditions in an instant.



ledvance.com/everloop

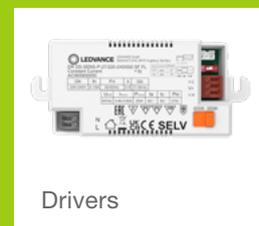
HOW EVERLOOP WORKS IN DETAIL



As an EVERLOOP luminaire, SURFACE FLAT offers easy disassembly and component exchange, with available upgrades and replacements. Future generations of light source and driver components will retain the same dimensions, allowing older luminaires to be upgraded with more efficient components.



Light sources



Drivers

FOR ANYONE WANTING MORE VIVARES LIGHT MANAGEMENT

Are you looking to manually control the light to suit your needs? Then look no further. Nothing could be simpler with LEDVANCE's easy-to-install DALI light management components MCU SELECT and MCU TOUCH.



- DALI-2 control units for installation in standard flush-mounted boxes
- Manual lighting control using rotary knob or touch display
- Ready for connection to control up to 25 luminaires



ANY QUESTIONS? TALK TO US.

Are you interested in our services for your projects? Our project business experts are happy to advise you.

You can reach us at:
contact@ledvance.com **Country-individual contact**
 +49 89 780673-600

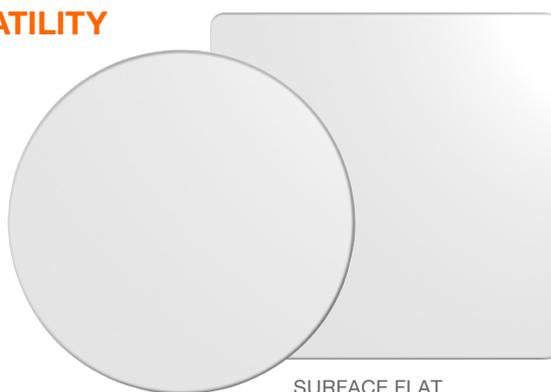


Country individual URL

Many successful projects can be found here:
ledvance.com/projects

LOW PROFILE BUT HIGH VERSATILITY AND SUSTAINABILITY SURFACE FLAT

- EVERLOOP luminaire with sustainable replacement of lightsource and driver
- Wireless leader/follower sensor versions available
- Flat design for a modern appearance with up to 140 lm/W



Product name	EAN (GTIN)	Replacement for	W	lm	lm/w	K	L70 ¹	°	°	L x W x H [mm] Ø x H [mm]
SURFACE FLAT ROUND										
SF FLAT RD 330 P 19W CPS	4099854 292378	1 x 32W CFL-ni	19/12	2660/1660	140/138	3000/4000	100000	120	—	330 x 65
SF FLAT RD 500 P 27W CPS	4099854 292552	1 x 32W CFL-ni	27/19	3780/2660	140/133	3000/4000	100000	120	—	500 x 71
SURFACE FLAT ROUND SENSOR										
SF FLAT RD SEN 330 P 19W CPS	4099854 292699	2 x 32W CFL-ni	19/12	2660/1660	140/138	3000/4000	100000	120	—	330 x 65
SF FLAT RD SEN 500 P 27W CPS	4099854 292736	2 x 32W CFL-ni	27/19	3780/2660	140/133	3000/4000	100000	120	—	500 x 71
SURFACE FLAT ROUND DALI										
SF FLAT RD DALI 500 P 27W CS	4099854 292774	2 x 32W CFL-ni	27	3780	140	3000/4000	100000	120	DALI-2	500 x 71
SURFACE FLAT SQUARE										
SF FLAT SQ 330 P 19W CPS	4099854 292491	1 x 32W CFL-ni	19/12	2660/1660	140/138	3000/4000	100000	120	—	330 x 330 x 65
SF FLAT SQ 500 P 27W CPS	4099854 292675	1 x 32W CFL-ni	27/19	3780/2660	140/133	3000/4000	100000	120	—	500 x 500 x 71
SURFACE FLAT SQUARE SENSOR										
SF FLAT SQ SEN 330 P 19W CPS	4099854 292712	2 x 32W CFL-ni	19/12	2660/1660	140/138	3000/4000	100000	120	—	330 x 330 x 65
SF FLAT SQ SEN 500 P 27W CPS	4099854 292750	2 x 32W CFL-ni	27/19	3780/2660	140/133	3000/4000	100000	120	—	500 x 500 x 71
SURFACE FLAT SQUARE DALI										
SF FLAT SQ DALI 500 P 27W CS	4099854 292798	2 x 32W CFL-ni	27	3780	140	3000/4000	100000	120	DALI-2	330 x 330 x 13

¹ t[h]: L70/B50 @ 25°C (T_a)/t[h]: L80/B10 @ 25°C (T_a) | ² Refer to www.ledvance.com/guarantee for precise conditions

ABOUT LEDVANCE

With business activities in over 140 countries, LEDVANCE is one of the world's leading general lighting companies. Emerging from OSRAM's general lighting division, LEDVANCE's portfolio includes LED lamps and luminaires, intelligent lighting products, traditional lamps and renewable energy solutions.

#POWERTHROUGHLIGHT

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LEDVANCE

REPLACEMENT COMPONENTS

For information on the available replacement components and how to order them, simply scan this QR code or go to ledvance.com/everloop-replacement



SENSOR PROPERTIES

Product name	Type of sensor	Sensor technology	Detection threshold of daylight sensor	Detection range of motion sensor	Sensor detection angle	Sensor controlled switching time
SF FLAT RD SEN 330 P 19W CPS	Motion, Light	Microwave	15...150 lx	3...7 m	120°	5 s...20 min
SF FLAT RD SEN 500 P 27W CPS	Motion, Light	Microwave	15...150 lx	3...7 m	120°	5 s...20 min
SF FLAT SQ SEN 330 P 19W CPS	Motion, Light	Microwave	15...150 lx	3...7 m	120°	5 s...20 min
SF FLAT SQ SEN 500 P 27W CPS	Motion, Light	Microwave	15...150 lx	3...7 m	120°	5 s...20 min

ACCESSORIES: SURFACE FLAT FRAME

Product name	EAN (GTIN)	L × W × H [mm] Ø × H [mm]	MATERIAL	COLOR
SF FLAT 330 SQ FRAME SI	4099854292910	330 × 330 × 13	Metal	Silver
SF FLAT 330 RD FRAME SI	4099854292934	330 × 13	Metal	Silver
SF FLAT 500 SQ FRAME SI	4099854292958	500 × 500 × 13	Metal	Silver
SF FLAT 500 RD FRAME SI	4099854292972	500 × 13	Metal	Silver

EXTENSION: SURFACE FLAT SENSOR

Product name	EAN (GTIN)	Type of sensor	Sensor technology	Detection threshold of daylight sensor	Detection range of motion sensor	Sensor detection angle	Sensor controlled switching time
SURFACE FLAT SENSOR							
SEN SF FLAT LEADER FOLLOWER	4099854292897	Motion, Light	Microwave	15...150 lx	3...7 m	120°	5 s...20 min

REPLACEMENT COMPONENTS: SURFACE FLAT DRIVER

Product name	(EAN) GTIN	W	Im[A]	Hz	V	Ta	L × W × H [mm] Ø × H [mm]
SURFACE FLAT DRIVER							
DR DS SENS-P-19/220-240/450 SF FL	4099854292859	19	450		220...240	-20...+60	119 × 51 × 24
DR DS-SENS-P-27/220-240V/650 SF FL	4099854292873	27	650		220...240	-20...+60	119 × 51 × 24

REPLACEMENT COMPONENTS: SURFACE FLAT LIGHT SOURCES

Product name	(EAN) GTIN	W	Im	lm/W	K	L80 ¹	△	L × W × H [mm] Ø × H [mm]
SURFACE FLAT LIGHT SOURCES								
LISOEV 330R 19W 830 840 SF FLAT	4099854312212	16	2660	140	3000/4000	100000	120	330 × 53
LISOEV 500R 27W 830 840 SF FLAT	4099854312236	23	3780	140	3000/4000	100000	120	500 × 55
LISOEV 330SQ 19W 830 840 SF FLAT	4099854312250	16	2660	140	3000/4000	100000	120	330 × 330 × 53
LISOEV 500SQ 27W 830 840 SF FLAT	4099854312274	23	3780	140	3000/4000	100000	120	500 × 500 × 55

¹ t[h]: L70/B50 @ 25 °C (T_a) / t[h]: L80/B10 @ 25 °C (T_a)

² Refer to www.ledvance.com/guarantee for precise conditions