

PRODUCT DATASHEET

LISOEV 500 SQ 27W 830 840 SF FLAT

SURFACE FLAT LIGHT SOURCES | Upgrade or replacement lightsource



Areas of application

- Suitable for SURFACE FLAT 19 W / 27 W

Product benefits

- 3000 K and 4000 K LEDs integrated
- Indoor use with high luminous efficacy of up to 140 lm/W
- High color consistency with SDCM 3
- Tool-free electrical connection with plug connectors
- Very homogenous light with a slight backlight effect
- Prepared for SURFACE FLAT SENSOR integration
- 5 years guarantee

Product features

- Type of protection: IP20
- Polycarbonate (PC) housing, PC-diffusor
- Lifetime (L80/B10): 100,000 h (at 25 °C), (L90/B10): 50,000 h (at 25 °C)
- Impact resistance: IK08
- Glow Wire Test according to IEC 60695-2-12: 850 °C
- Indoor use only, not suitable for outdoor use



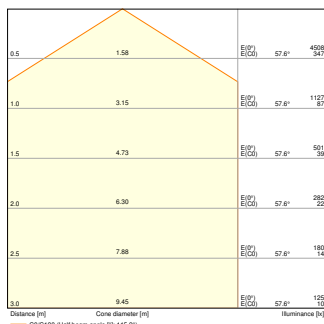
TECHNICAL DATA

Electrical data

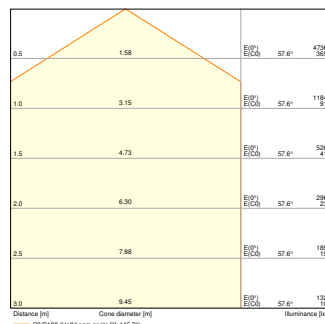
Nominal wattage	23 W
Nominal voltage	30...40 V
Mains frequency	50...60 Hz
Nominal current	650 mA

Photometrical data

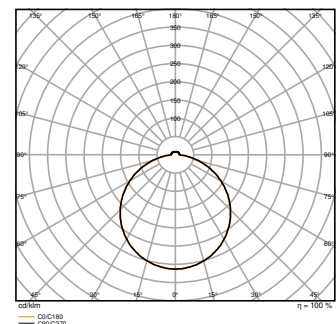
Luminous flux	3780 lm
Luminous efficacy	140 lm/W
Color temperature	3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	3 sdc _m
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



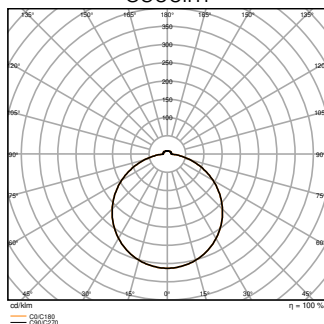
LISOEV 500SQ 27W 830 SF FLAT
3600lm



LISOEV 500SQ 27W 840 SF FLAT
3780lm



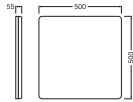
LISOEV 500SQ 27W 830 SF FLAT
3600lm



LISOEV 500SQ 27W 840 SF FLAT
3780lm

Dimensions & Weight

Length	500.00 mm
Width	500.00 mm
Height	55.00 mm
Product weight	2632.00 g



LISOEV 500SQ 27W 830 840 SF
FLAT

Materials & Colors

Product color	White
Housing color	White
Body material	Polycarbonate (PC)

Application & Mounting

Ambient temperature range	-20...+45 °C
Temperature range at storage	-40...+80 °C
Type of protection	IP20
Dimmable	No
Mounting type	Surface

Lifespan

Lifespan L70/B50 at 25 °C	10000 h
Lifespan L80/B10 at 25 °C	100000 h
Lifespan L80/B50 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	50000 h

Certificates & Standards

Standards	CE
Replaceable light source (EPREL)	Not replaceable







Additional product data









Product remark	Available from September 2024
Added function	EVERLOOP / MULTI SELECT



EQUIPMENT / ACCESSORIES


– Connection wire for direct installation integrated

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	UI LISOEV SF FLAT
	Legal information	Legal Insert SF FLAT LISOEV
	Legal information	LISO Insert SF FLAT LISOEV
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	CE Declaration SF FLAT
	Declarations of conformity UKCA	UKCA Declaration SF FLAT

Photometric and lighting design files		Document name
	IES file (IES)	LISOEV 500SQ 27W 830 SF FLAT 3600lm
	IES file (IES)	LISOEV 500SQ 27W 840 SF FLAT 3780lm
	LDT file (Eulumdat)	LISOEV 500SQ 27W 830 SF FLAT 3600lm
	LDT file (Eulumdat)	LISOEV 500SQ 27W 840 SF FLAT 3780lm
	UGR file (UGR table)	LISOEV 500SQ 27W 830 SF FLAT 3600lm
	UGR file (UGR table)	LISOEV 500SQ 27W 840 SF FLAT 3780lm
	Light distribution curve type cone	LISOEV 500SQ 27W 830 SF FLAT 3600lm
	Light distribution curve type cone	LISOEV 500SQ 27W 840 SF FLAT 3780lm

Photometric and lighting design files		Document name
	Light distribution curve type polar	LISOEV 500SQ 27W 830 SF FLAT 3600lm
	Light distribution curve type polar	LISOEV 500SQ 27W 840 SF FLAT 3780lm

Tender texts	Document name
 Tender documents	SURFACE FLAT LIGHT SOURCES 500 SQ 27W 830 840 SF FLAT-EN



LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854312274	Folding box 1	58 mm x 507 mm x 507 mm	2893.00 g	14.91 dm ³
4099854312281	Shipping box 4	520 mm x 245 mm x 530 mm	12421.00 g	67.52 dm ³

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.

ADDITIONAL CATALOG INFORMATION



SKU			SKU	
4099854312274	LISOEV 500SQ 27W 830 SF FLAT	→	4099854312274	50 FLAT 27W 830 SF 1000 CPS
4099854312274	LISOEV 500SQ 27W 830 SF FLAT	→	4099854312274	50 FLAT 27W 830 SF 1500 CPS
4099854312274	LISOEV 500SQ 27W 830 SF FLAT	→	4099854312274	50 FLAT 27W 830 SF 2000 CPS
4099854312274	LISOEV 500SQ 27W 830 SF FLAT	→	4099854312274	50 FLAT 27W 830 SF 2500 CPS
4099854312274	LISOEV 500SQ 27W 830 SF FLAT	→	4099854312274	50 FLAT 27W 830 SF 3000 CPS
4099854312274	LISOEV 500SQ 27W 830 SF FLAT	→	4099854312274	50 FLAT 27W 830 SF 3500 CPS
4099854312274	LISOEV 500SQ 27W 830 SF FLAT	→	4099854312274	50 FLAT 27W 830 SF 4000 CPS
4099854312274	LISOEV 500SQ 27W 830 SF FLAT	→	4099854312274	50 FLAT 27W 830 SF 4500 CPS
4099854312274	LISOEV 500SQ 27W 830 SF FLAT	→	4099854312274	50 FLAT 27W 830 SF 5000 CPS

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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