

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-diffuser
- 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



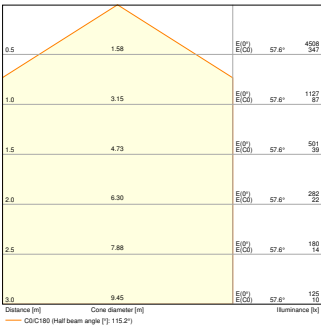
TECHNICAL DATA

Electrical data

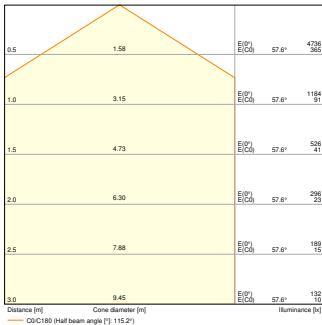
Nominal wattage	23 W
Nominal voltage	30...40 V
Mains frequency	50...60 Hz
Nominal current	650 mA

Photometrical data

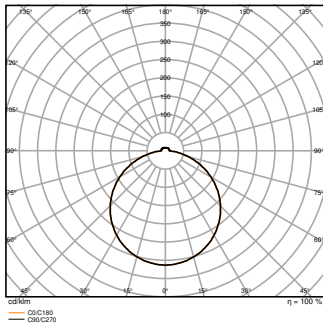
Luminous flux	3780 lm
Luminous efficacy	140 lm/W
Color temperature	3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	3 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



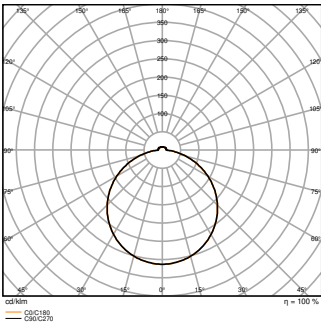
LISOEV 500SQ 27W 830 SF FLAT
3600lm



LISOEV 500SQ 27W 840 SF FLAT
3780lm



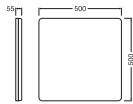
LISOEV 500SQ 27W 830 SF FLAT
3600lm



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

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
	Light distribution curve type polar	LISOEV 500SQ 27W 830 SF FLAT 3600lm

