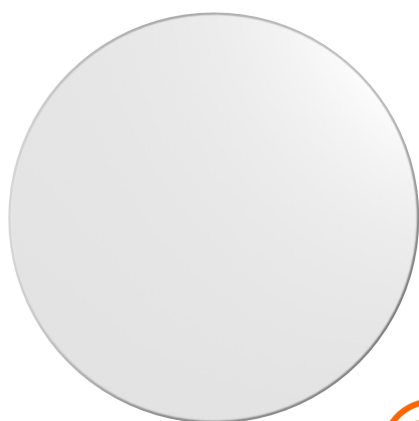


PRODUCT DATASHEET

LISOEV 500 R 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



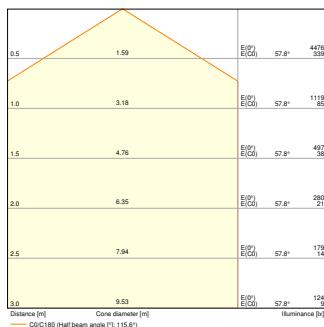
TECHNICAL DATA

Electrical data

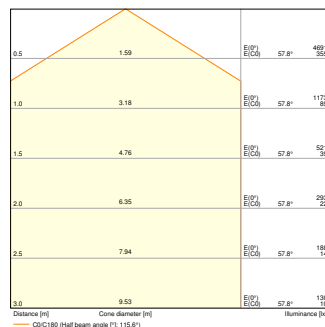
Nominal wattage	23 W
Nominal voltage	30...40 V
Mains frequency	50...60 Hz
Nominal current	650 mA

Photometrical data

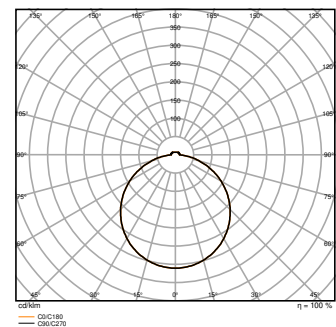
Luminous flux	3780 lm
Luminous efficacy	140 lm/W
Color temperature	3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	3 sdc _m
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



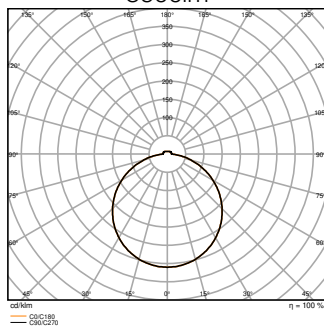
LISOEV 500R 27W 830 SF FLAT
3600lm



LISOEV 500R 27W 840 SF FLAT
3780lm



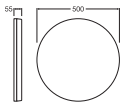
LISOEV 500R 27W 830 SF FLAT
3600lm



LISOEV 500R 27W 840 SF FLAT
3780lm

Dimensions & Weight

Diameter	500.00 mm
Height	55.00 mm
Product weight	2049.00 g



LISOEV 500R 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 500R 27W 830 SF FLAT 3600lm
	IES file (IES)	LISOEV 500R 27W 840 SF FLAT 3780lm
	LDT file (Eulumdat)	LISOEV 500R 27W 830 SF FLAT 3600lm
	LDT file (Eulumdat)	LISOEV 500R 27W 840 SF FLAT 3780lm
	UGR file (UGR table)	LISOEV 500R 27W 830 SF FLAT 3600lm
	UGR file (UGR table)	LISOEV 500R 27W 840 SF FLAT 3780lm
	Light distribution curve type cone	LISOEV 500R 27W 830 SF FLAT 3600lm
	Light distribution curve type cone	LISOEV 500R 27W 840 SF FLAT 3780lm
	Light distribution curve type polar	LISOEV 500R 27W 830 SF FLAT 3600lm

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

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854312236	Folding box 1	58 mm x 507 mm x 507 mm	2310.00 g	14.91 dm ³
4099854312243	Shipping box 4	520 mm x 245 mm x 530 mm	10089.00 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	
4099854312232	LISOEV 500R 830 840 SF FLAT	4099854312238	LF FLAT 830 840 SF 15W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	4099854312239	LF FLAT 830 840 SF 15W CPL
4099854312238	LISOEV 500R 830 840 SF FLAT	4099854312240	LF FLAT 830 840 SF 15W CPL
4099854312240	LISOEV 500R 830 840 SF FLAT	4099854312241	LF FLAT 830 840 SF 15W CPL
4099854312242	LISOEV 500R 830 840 SF FLAT	4099854312242	LF FLAT 830 840 SF 15W CPL
4099854312243	LISOEV 500R 830 840 SF FLAT	4099854312243	LF FLAT 830 840 SF 15W CPL
4099854312244	LISOEV 500R 830 840 SF FLAT	4099854312244	LF FLAT 830 840 SF 15W CPL
4099854312245	LISOEV 500R 830 840 SF FLAT	4099854312245	LF FLAT 830 840 SF 15W CPL
4099854312246	LISOEV 500R 830 840 SF FLAT	4099854312246	LF FLAT 830 840 SF 15W CPL
4099854312247	LISOEV 500R 830 840 SF FLAT	4099854312247	LF FLAT 830 840 SF 15W CPL
4099854312248	LISOEV 500R 830 840 SF FLAT	4099854312248	LF FLAT 830 840 SF 15W CPL
4099854312249	LISOEV 500R 830 840 SF FLAT	4099854312249	LF FLAT 830 840 SF 15W CPL
4099854312250	LISOEV 500R 830 840 SF FLAT	4099854312250	LF FLAT 830 840 SF 15W CPL
4099854312251	LISOEV 500R 830 840 SF FLAT	4099854312251	LF FLAT 830 840 SF 15W CPL
4099854312252	LISOEV 500R 830 840 SF FLAT	4099854312252	LF FLAT 830 840 SF 15W CPL
4099854312253	LISOEV 500R 830 840 SF FLAT	4099854312253	LF FLAT 830 840 SF 15W CPL
4099854312254	LISOEV 500R 830 840 SF FLAT	4099854312254	LF FLAT 830 840 SF 15W CPL
4099854312255	LISOEV 500R 830 840 SF FLAT	4099854312255	LF FLAT 830 840 SF 15W CPL
4099854312256	LISOEV 500R 830 840 SF FLAT	4099854312256	LF FLAT 830 840 SF 15W CPL
4099854312257	LISOEV 500R 830 840 SF FLAT	4099854312257	LF FLAT 830 840 SF 15W CPL
4099854312258	LISOEV 500R 830 840 SF FLAT	4099854312258	LF FLAT 830 840 SF 15W CPL
4099854312259	LISOEV 500R 830 840 SF FLAT	4099854312259	LF FLAT 830 840 SF 15W CPL
4099854312260	LISOEV 500R 830 840 SF FLAT	4099854312260	LF FLAT 830 840 SF 15W CPL
4099854312261	LISOEV 500R 830 840 SF FLAT	4099854312261	LF FLAT 830 840 SF 15W CPL
4099854312262	LISOEV 500R 830 840 SF FLAT	4099854312262	LF FLAT 830 840 SF 15W CPL
4099854312263	LISOEV 500R 830 840 SF FLAT	4099854312263	LF FLAT 830 840 SF 15W CPL
4099854312264	LISOEV 500R 830 840 SF FLAT	4099854312264	LF FLAT 830 840 SF 15W CPL
4099854312265	LISOEV 500R 830 840 SF FLAT	4099854312265	LF FLAT 830 840 SF 15W CPL
4099854312266	LISOEV 500R 830 840 SF FLAT	4099854312266	LF FLAT 830 840 SF 15W CPL
4099854312267	LISOEV 500R 830 840 SF FLAT	4099854312267	LF FLAT 830 840 SF 15W CPL
4099854312268	LISOEV 500R 830 840 SF FLAT	4099854312268	LF FLAT 830 840 SF 15W CPL
4099854312269	LISOEV 500R 830 840 SF FLAT	4099854312269	LF FLAT 830 840 SF 15W CPL
4099854312270	LISOEV 500R 830 840 SF FLAT	4099854312270	LF FLAT 830 840 SF 15W CPL
4099854312271	LISOEV 500R 830 840 SF FLAT	4099854312271	LF FLAT 830 840 SF 15W CPL
4099854312272	LISOEV 500R 830 840 SF FLAT	4099854312272	LF FLAT 830 840 SF 15W CPL
4099854312273	LISOEV 500R 830 840 SF FLAT	4099854312273	LF FLAT 830 840 SF 15W CPL
4099854312274	LISOEV 500R 830 840 SF FLAT	4099854312274	LF FLAT 830 840 SF 15W CPL
4099854312275	LISOEV 500R 830 840 SF FLAT	4099854312275	LF FLAT 830 840 SF 15W CPL
4099854312276	LISOEV 500R 830 840 SF FLAT	4099854312276	LF FLAT 830 840 SF 15W CPL
4099854312277	LISOEV 500R 830 840 SF FLAT	4099854312277	LF FLAT 830 840 SF 15W CPL
4099854312278	LISOEV 500R 830 840 SF FLAT	4099854312278	LF FLAT 830 840 SF 15W CPL
4099854312279	LISOEV 500R 830 840 SF FLAT	4099854312279	LF FLAT 830 840 SF 15W CPL
4099854312280	LISOEV 500R 830 840 SF FLAT	4099854312280	LF FLAT 830 840 SF 15W CPL
4099854312281	LISOEV 500R 830 840 SF FLAT	4099854312281	LF FLAT 830 840 SF 15W CPL
4099854312282	LISOEV 500R 830 840 SF FLAT	4099854312282	LF FLAT 830 840 SF 15W CPL
4099854312283	LISOEV 500R 830 840 SF FLAT	4099854312283	LF FLAT 830 840 SF 15W CPL
4099854312284	LISOEV 500R 830 840 SF FLAT	4099854312284	LF FLAT 830 840 SF 15W CPL
4099854312285	LISOEV 500R 830 840 SF FLAT	4099854312285	LF FLAT 830 840 SF 15W CPL
4099854312286	LISOEV 500R 830 840 SF FLAT	4099854312286	LF FLAT 830 840 SF 15W CPL
4099854312287	LISOEV 500R 830 840 SF FLAT	4099854312287	LF FLAT 830 840 SF 15W CPL
4099854312288	LISOEV 500R 830 840 SF FLAT	4099854312288	LF FLAT 830 840 SF 15W CPL
4099854312289	LISOEV 500R 830 840 SF FLAT	4099854312289	LF FLAT 830 840 SF 15W CPL
4099854312290	LISOEV 500R 830 840 SF FLAT	4099854312290	LF FLAT 830 840 SF 15W CPL
4099854312291	LISOEV 500R 830 840 SF FLAT	4099854312291	LF FLAT 830 840 SF 15W CPL
4099854312292	LISOEV 500R 830 840 SF FLAT	4099854312292	LF FLAT 830 840 SF 15W CPL
4099854312293	LISOEV 500R 830 840 SF FLAT	4099854312293	LF FLAT 830 840 SF 15W CPL
4099854312294	LISOEV 500R 830 840 SF FLAT	4099854312294	LF FLAT 830 840 SF 15W CPL
4099854312295	LISOEV 500R 830 840 SF FLAT	4099854312295	LF FLAT 830 840 SF 15W CPL
4099854312296	LISOEV 500R 830 840 SF FLAT	4099854312296	LF FLAT 830 840 SF 15W CPL
4099854312297	LISOEV 500R 830 840 SF FLAT	4099854312297	LF FLAT 830 840 SF 15W CPL
4099854312298	LISOEV 500R 830 840 SF FLAT	4099854312298	LF FLAT 830 840 SF 15W CPL
4099854312299	LISOEV 500R 830 840 SF FLAT	4099854312299	LF FLAT 830 840 SF 15W CPL

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.