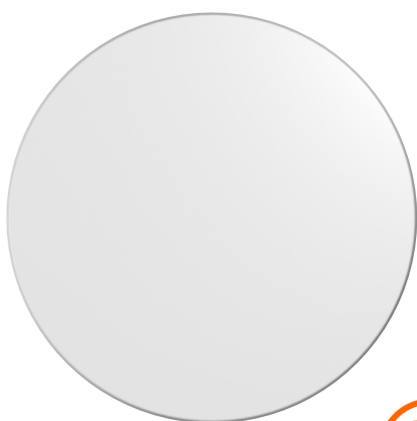


PRODUCT DATASHEET

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



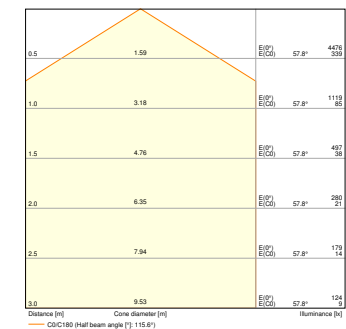
TECHNICAL DATA

Electrical data

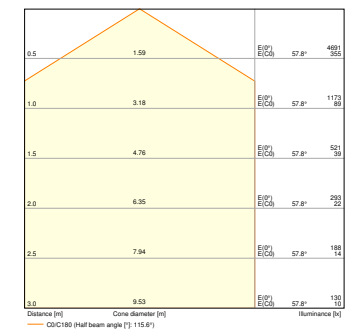
Nominal wattage	23 W
Nominal voltage	30...40 V
Mains frequency	50...60 Hz
Nominal current	650 mA

Photometrical data

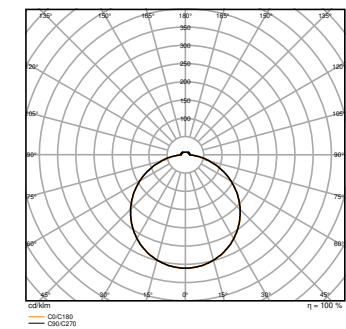
Luminous flux	3780 lm
Luminous efficacy	140 lm/W
Color temperature	3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	3 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



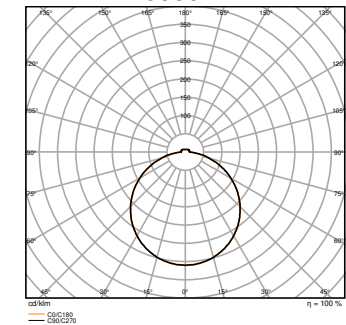
LISOEV 500R 27W 830 SF FLAT
3600lm



LISOEV 500R 27W 840 SF FLAT
3780lm



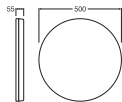
LISOEV 500R 27W 830 SF FLAT
3600lm



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
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Added function	EVERLOOP / MULTI SELECT
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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	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312239	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312240	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312241	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312242	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312243	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312244	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312245	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312246	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312247	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312248	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312249	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312250	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312251	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312252	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312253	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312254	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312255	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312256	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312257	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312258	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312259	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312260	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312261	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312262	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312263	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312264	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312265	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312266	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312267	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312268	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312269	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312270	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312271	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312272	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312273	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312274	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312275	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312276	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312277	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312278	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312279	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312280	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312281	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312282	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312283	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312284	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312285	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312286	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312287	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312288	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312289	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312290	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312291	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312292	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312293	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312294	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312295	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312296	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312297	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312298	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312299	50° FLAT RD 500 P 100W CPL
4099854312236	LISOEV 500R 830 840 SF FLAT	→	4099854312300	50° FLAT RD 500 P 100W 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.