

SAMSON ELEGANCE

DATASHEET / TECHNICAL SPECIFICATION

Compact line LED luminaire



It is suitable for use for example in commercial premises and communication zones, in offices, living rooms or in shops, medical facilities, waiting rooms and the like. Easy installation, surface-mounted. Also the exchange for the original luminaire is easy.

Basic description of luminaires of SAMSON ELEGANCE product line

- Czech product
- slim design and unobtrusive appearance of LED compact luminaire
- **due to its efficiency of 135 lm / W** it is the **most efficient line luminaire**
- Efficient cooling system maintains a low operating temperature of LED and also of the ballast
- optics is made of quality plastic with efficiency up to 97%
- the product is made of aluminium alloy and steel
- LED lifetime of 70,000 hours (L70)
- colour rendering index min. Ra > 80 (typ. 85)
- temperature of chromaticity: 4000 K
- Range of operating ambient temperature: -30 ° C to 35 ° C
- surface-mounted installed components
- ingress protection IP54 - IP65

The luminaire is supplied with clear optics or opal optics 110°. An optional variant of design is the electronic ballast mounted outside the luminaire; it is suitable e.g. for aquariums.

TECHNICAL SPECIFICATION

Electrical parameters

light source	LED
supply voltage	AC 230 V / 50 Hz
power input of the luminaire	32 W
connection	by WAGO terminal block with buttons
Ballast	electronic

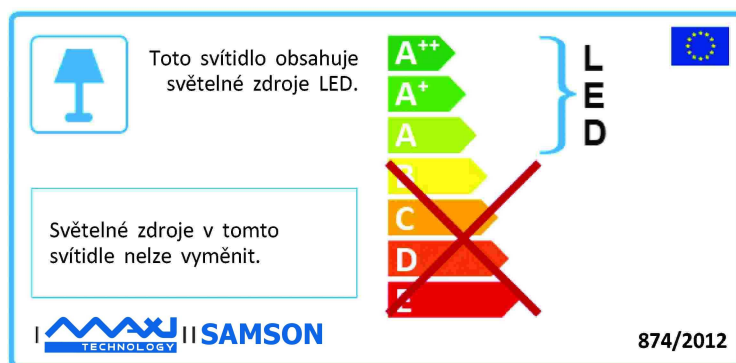
Luminous parameters

optical system	110°
light distribution	direct
luminaire efficiency	135 lm / W
total luminous flux	4300 lm (clear optics), 3600 lm (opal optics)
colour rendering index	> 80
temperature of chromaticity	4000 K
optics	PMMA with efficiency up to 97% (clear 110 °)
ingress protection of optical part	IP54
illuminating area dimensions	20 x 1020 mm
LED lifetime	70 000 (L70)

Design of luminaire

material of luminaire	aluminium alloy, painted steel
standard shade	grey anodized, white
cooling	air cooling, passive
mounting method	surface-mounted

We also produce the luminaires of **SAMSON POWER** line of products, which are designed for use in shopping centres, in sports centres and gyms, in warehouses with rack system, in production and assembly halls, etc. They are characterized by a high resistivity and efficiency, with possibility of regulation and by many variants of design and wattage from 18 to 618 W. **The variant with wattage 618 W has a luminous flux of 88 374 lm and thus it is the strongest LED luminaire at all.**



In case you need some other version of the luminaire, some modifications or completely different luminaire then just let us know. We are ready to create for you a luminaire according to your requirements. We also produce manually the design luminaires. Each luminaire is original.

Light is our fun!

Constantly we are developing our luminaires and therefore the change of parameters is reserved. For more detailed information, please contact us.