

**Order No.:** 51TS12VN475F | **GTIN (EAN):** 4058352466551

**Product description:** Lic11Pr,wd,7700lm840,DA2C,IP50,L1500,wh



Licross® 11 Protected MO, luminaire insert, of sheet steel, galvanised, coil coated, white, length: 1.500mm, width: 90mm, height: 101mm, LED rated luminous flux: 7.700lm, light colour: 840, control gear: DALI 2, CLO, control gear: ECG DALI, with plug, 5-pole, with phase selection, mains connection: 220..240V, AC, 50/60Hz, halogen-free wiring, primary optical cover: cover, of PMMA, light emission: direct with ceiling illumination distribution, primary light characteristic: symmetric, protection rating (complete): IP50, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, VDE, UKCA, protection symbol: D if used in an environment with non-conductive dust loads with corresponding accessories, impact resistance: IK06, permissible ambient temperature for indoor applications: -25..+35°C, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting, LABS conformity tested according to VDMA 24364:2018-05, packaging unit: 1 piece



Lamps:	LED
Wt. (kg):	3.2
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**Detailed technical description:** Lic11Pr,wd,7700lm840,DA2C,IP50,L1500,wh



### Key data

- Product type: luminaire insert
- Product name: Licross® 11 Protected MO
- Order No.: 51TS12VN475F

### Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

- Cover: cover
- Beam angle: wide distribution
- Symmetry: symmetric
- Light emission: direct with ceiling illumination
- UGR viewing direction along longitudinal luminaire axis:  $\leq 25$
- UGR viewing direction along lateral luminaire axis:  $\leq 25$

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 7700lm
- Luminous efficacy: 152lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 3$  SDCM (initial)
- Rated input power begin service life: 51
- Rated input power end service life: 57
- Supplement: halogen-free wiring

#### Operating device:

- Control gear: ECG DALI
- Control: DALI 2, CLO

### Certificates, Standards

- Protection rating: IP50
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK06
- Protection symbol: D if used in an environment with non-conductive dust loads with corresponding accessories
- Temperature range (operation): -25..+35°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting, LABS conformity tested according to VDMA 24364:2018-05
- Certification, designation: CE, ENEC, VDE, UKCA

### Material, Colour

- Licross® LED insert: sheet steel, galvanised, coil coated, white
- Colour specification: white
- Cover: cover of PMMA

### Mounting

- Mounting method, mounting location: slip-in mounting, in the Licross® trunking rail
- Arrangement: single/continuous arrangement

### Electrical connection

- Connection: plug, 5-pole, with phase selection
- Nominal voltage: 220..240V, 50/60Hz, AC

### Dimensions, Weight

- Length: 1500mm
- Width: 90mm
- Height: 101mm
- Weight: 3.2kg

### Service life

- Rated service life: 70000h (L100/B50) at AT = 30°C

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**Dimensions:** Lic11Pr,wd,7700lm840,DA2C,IP50,L1500,wh



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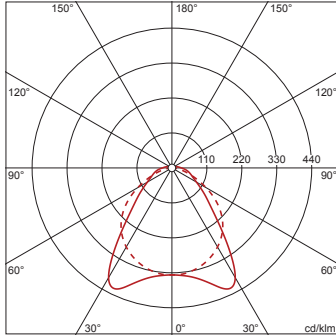
**Planning data:** Lic11Pr,wd,7700lm840,DA2C,IP50,L1500,wh

**51TS12VN475F: 1x LED**

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51TS12VN475F

LED 4000 K | CRI ≥ 80  $\phi_{\text{N}}$  7700 lm



$\phi_{\downarrow}$  97%  $\phi_{\uparrow}$  3%

Luminance values (cd/m<sup>2</sup>)

	C 0/180	C 90/270
L <sub>80</sub>	9534	8398
L <sub>70</sub>	8662	12032
L <sub>65</sub>	8678	14177

UGR 24.6 24.8

X 4H Y 8H  $\rho$  70/50/20 S 0.25H

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.de](http://www.siteco.de))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

Issued 08.09.2023 - Modifications and errors subject to change - Ensure that you always use the latest version -