

230V AC	230V DC	IP 65		
				80 cd/m²
				11 cd/m²

UTFÖRANDE:

Armaturstomme och kupa i slagtålig polykarbonat. Det medföljer snäpplås till kupan i både plast och i syrafast stål för att passa olika ändamål. Armaturerna har överkopplingsbar plint i mitten. Ljuskälla ingår.

Perun:

Finns med inbyggt batteri. Vid nätbortfall ger armaturen 100% ljusutbyte dvs. 2900 lm. Lämplig för höga montagehöjder.

Vipet:

Finns endast för centralmatning och är konstruerad för temperaturer ned till -30°C. Levereras med TLD POLAR T26 lysrör (protectorrör).

A-MODELLERNA:

Är avsedd för anslutning till centralt nödljusaggregat såsom växelriktare eller UPS.

AT-MODELLEN:

Har inbyggt nödljusaggregat och batteri för egen strömförsörjning i minst 60 minuter vid nätbortfall. Armaturen är även försedd med automatiskt test av ljuskälla, laddning och batteri.

AT-E MODELLEN:

Elektronik och batteri är placerat i separat box för att monteras i servicevänlig höjd i rumstemperatur.

MONTAGE:

I tak, vajer och på vägg.



PIKTOGRAM:

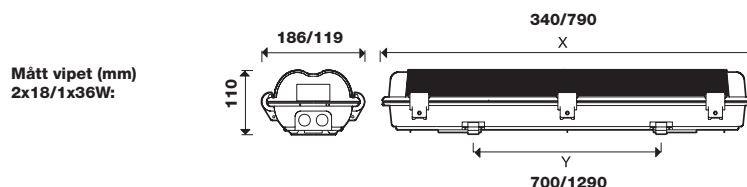
OBS! ENDA TILL VIPET:

Läsavstånd	25 m
	73 508 62
	73 508 63
	73 508 64

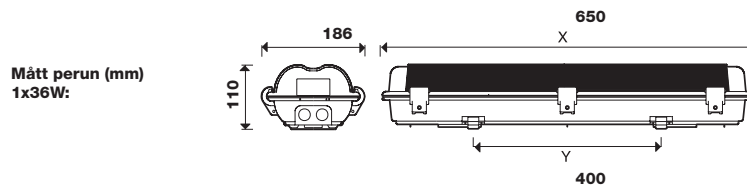
TILLBEHÖR:

73 500 66	Vajerupphäng
015133	Lysrör 36W/G13 TLD Polar T26
015134	Lysrör 18W/G13 TLD Polar T26
015153	Lysrör 36W/2G11

Läsavstånd enl. SS-EN 1838



Mått vipet (mm)
2x18/1x36W:



Mått perun (mm)
1x36W:

E. nummer	Typ nr.	Ljuskälla	Drift	Vikt kg.	P/B
Beredskapsdrift			Batteri		
73 509 97	Perun 401471136AT	1x36W/2G11	NiMH	7,0	Nej/Ja
73 402 56	Perun 401471236AT-E	1x36W/2G11	NiMH	2,0+5,0	Nej/Ja
Central reservkraft					
73 509 98	Perun 401471136A	1x36W/2G10		2,0	
73 508 61	Vipet 401651218A	2x18W/G13		2,0	
73 508 60	Vipet 401651136A	1x36W/G13		2,0	

Permanentdrift/Beredskapsdrift = P/B



Operating instructions

PERUN emergency lighting is designed for non-maintained emergency lighting for areas with demand for higher IP Code.

Description:

The lighting contains body made of PC (1), metal base (4) and diffuser (3) made of transparent PC fixed to the body by clips. The base contains all electronic components - electronic unit (6, sockets (8) with fluorescent tube (9), NiCd battery (5), WAGO terminal block (7) and the TEST button (11) and LED (10).

Operating description:

Electronic unit ensures battery charging, battery protection, feeding of fluorescent tube, fluorescent tube warm start-up, stabilisation of luminous flux during emergency mode.

After installation the light changes the mode from storage to operation and has to be permanently connected to the mains 230V AC. During this time the emergency unit charges NiCd battery. It is signalised by LED. In case of emergency the light comes automatically to emergency mode. When is the battery capacity on specific level (after 1 hour in emergency operation), it turns off (protective mode).

Installation:

There are two possibilities of the installation shown at pictures (Fig. 3,4). You can fasten the lighting with flat tongues (14) fixed to the ceiling or stright to hang on the suspensions (13). Open the diffuser clips, turn holders of the base, remove it and connect the light to the power supply (7). Fix the base and diffuser back.

Maintenance:

In case of fluorescent tube failure, open the diffuser clips, Fig.5 and replace the new fluorescent tube. Use only specified type or its equivalents.

In case of battery failure you disconnect the battery connector, cut the stripe, connect the new battery and fix it with a new stripe. Use only specified type. The battery should be changed after every 4 years.

TESTING:

After finishing of installation and connecting of mains 230V AC, push the TEST button (11). It results the fluorescent tube starting up.

We suggest to test it after each replacement of fluorescent tube.

PERUN-X 36W.1

non-maintained emergency lighting

Warranty

type:

Non-maintained emergency lighting
PERUN-X 36W.1

S/N:

Manufacturing date:



(stamp + signature)

Warranty: 2 year
(except from lighting sources)

The manufacturer guarantee the right operating of this product within the warranty (except from mechanical defects caused by inexpert usage.

All repair are executed by SEC Ltd.

Technical parameters:

Power supply:	230V/50Hz
Input power:	40W
Battery:	NiMH 19V /4000mAh or equivalent
Dimensions:	110x186x650 mm
Weight:	cca. 7 kg
IP:	IP 65
Terminal block:	WAGO
Duration:	1 h
Lighting sources:	- 1x FLUORESCENT TUBE 36W /2G11 or equivalent
Flux in emergency mode:	2900 lm

Time for battery charging:	min. 24 hours
Time in protective mode:	1 month
Time in storage mode:	6 month

The light is necessary to connect to the mains 230VAC after timeout of both protective and storage modes!

Fig.1

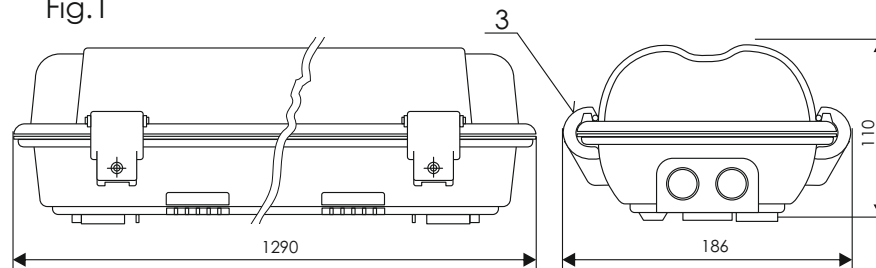


Fig.2

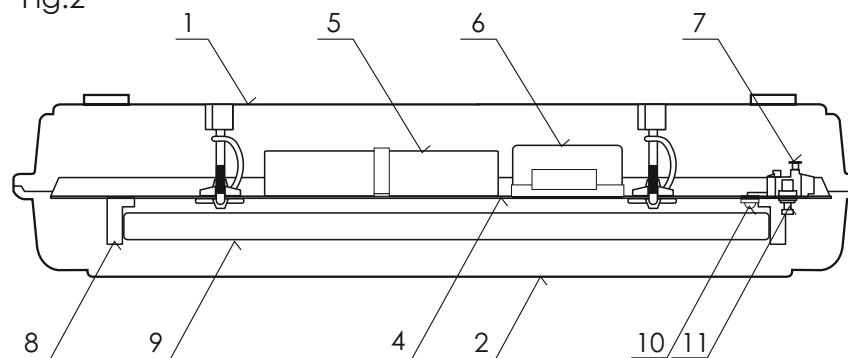


Fig.5

Installation on the wall and the ceiling: Notice the sign "TOP" on the diffuser before you open it.

Fig.3

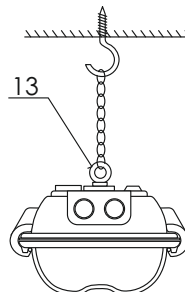
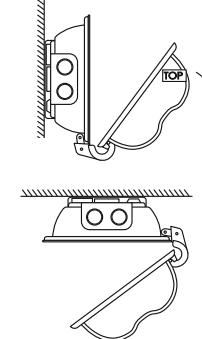
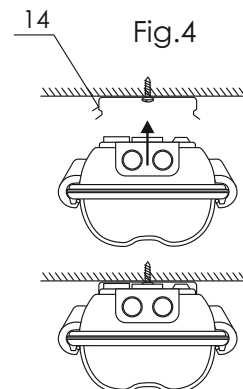


Fig.4



Technical parameters

Power supply: 230 V / 50 - 60 Hz

Power:12.....W

Size: 670x172x114 mm

Recessed mounting hole size :mm

Weight:7..... kg

Lamp:1x FLUORESCENT TUBE 36W /2G11.....
.....or equivalent.....

IP: IP20 ☐ IP40 ☐ IP44 ☐
IP54 ☐ IP65 ☒ another:.....

Duration: 1h ☒ 2h ☐ 3h ☐

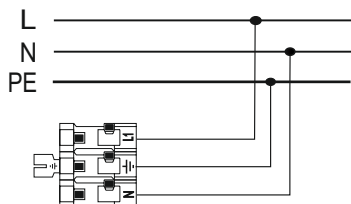
Battery Type: NiMH NiCd
19V/4,0Ah ☒ 3,6V/1,8Ah ☐
4,8V/2,1Ah ☐ 3,6V/2,5Ah ☐
4,8V/3,0Ah ☐ 3,6V/4,0Ah ☐
3,6V/7,0Ah ☐ 4,8V/0,8Ah ☐
another:..... 4,8V/2,5Ah ☐

Battery Size: 1A ☐ 1B ☐ 2A ☐ 4 ☒
another:

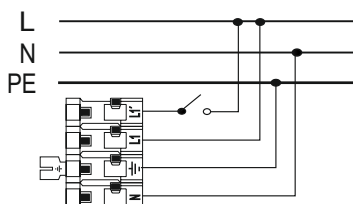
Another parameters:.....

Fixtures electric connection:

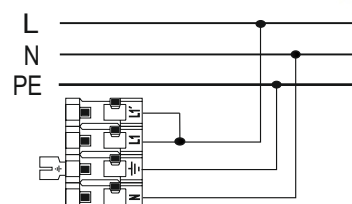
scheme no. 1
- connection for (NM) non-maintained emergency lighting



scheme no. 2
- connection for (M) emergency lighting with external switch



scheme no. 3
- connection for permanent (M) emergency lighting with internal connection



Warranty

Type:

PERUN-X AT 36W.1

Emergency lighting

-maintained (M) ☐

-non-maintained (NM) ☒

Serial number:

Shipment date:

Warranty: 2 year ☒ another:
(apart from the lamp)

Note:

.....

.....

Signature and stamp:



**Producer
of lighting fixtures**

The manufacturer guarantees the right operating of this product within the warranty (except from mechanical defects caused by inexpert usage).

All repairs are executed by SEC Ltd.

*Jakuba Haška 11,
949 01 Nitra Slovakia*

*Phone: +421/37/6560811
+421/37/6560809*

Fax: +421/37/6560812

*e-mail: quality@sec.sk
sales@sec.sk*

web: www.sec.sk



SEC s.r.o., prevádzka
ul. Jakuba Haška 11
949 01 Nitra, Slovakia
IČO: 30998808,
OIC: 202045723
KOOPAN 2020405123
OR OS Nitra odd. S.r.o.
vložka 504/N