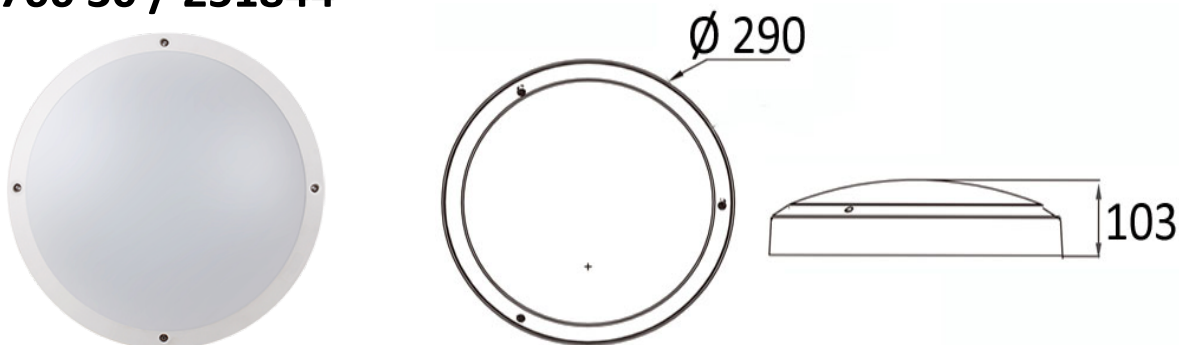


FDV DOKUMENT



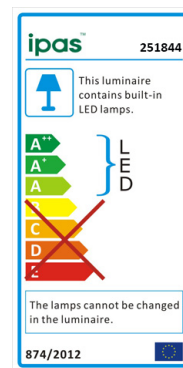
Venus 20W Sensor Nødllys

32 766 30 / 251844



Art nr	El nr	Produktnavn	Å	Lysytelse	DIM	System eff	CRI	Lys farge	IP	Farge
251844	32 766 30	Venus 20W	120°	1550 lm	Sensor Nødllys	20W	>80	3000K	65	Hvit

Tekniske data:	18W (System effekt 20W)
Spenning:	220-240VAC 50/60Hz
LED Chip	SMD LED
Lysytelse:	1550 lm
Lysfarge:	3000K
CRI/Ra:	>80
Strålingsvinkel:	120°
Utbyttbar LED:	Nei
Driftsstrøm:	500mA konstantstrøm
Dimming:	Sensor Nødllys
Sertifisert:	CE, EMC
Standard:	EN60598-2-1, EN55015, EN62471
Nødllys standard:	EN60598-2-22, EN55015, EN62471
Omgivelsestemp:	-25°C +40°C
Materiale:	Die-cast aluminium, PC
Farge:	Hvit
IP Klasse:	IP65
IK Klasse:	IK10
Isolasjonsklasse:	Klass II
Levetid:	50 000 L80
Produktstørrelse:	Ø290xH103mm
Vekt:	1,90 kgs
Antall per eske:	1stk Dimensjon: 300x300x110mm Vekt: 2,02 kgs
Antall per ytterkartong:	4stk Dimensjon: 460x310x310mm Vekt: 8,88 kgs



Rengjøring:

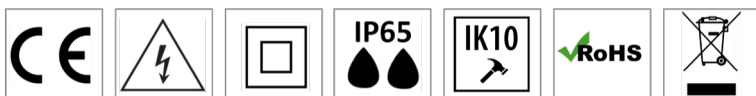
Planmessig rengjøring gir deg best belysning over tid.

Gjør anlegg alltid strømløst før rengjøring.

Det anbefales støvtørking med mikrofiber. Intervaller avhenger av bruksområdets støv-/smussmengde. Unngå sterke kjemikalier (pH>7) og vær varsom med frontlinse eller reflektor hvis denne er tilgjengelig. Ikke spray midler direkte på armatur. Særlig tilsmussede områder kan rengjøres med mildt såpevann, men prøv på et avgrenset område først. LED Driver eller åpne komponenter må ikke utsettes for vann eller fuktighet. GARANTI: IPAS yter 5 års garanti. Se også ASLEM12 for mer informasjon.

Resirkulering/WEEE:

Produktet er definert som miljøavfall og skal samles inn av et EE-returselskap. IPAS er medlem av Renas AS. Se mer på www.renas.no



IPAS AS

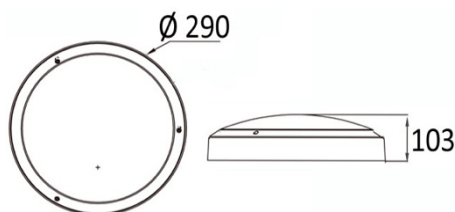
Østre Rosten 2A 7075 TILLER

www.ipas.no post@ipas.no Tlf 40 00 15 59.

V.18.06.2019



Venus Sensor Emergency



IMPORTANT INFORMATION:

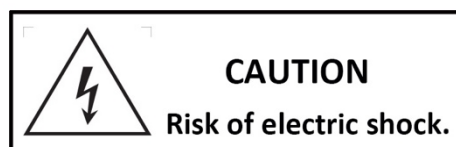
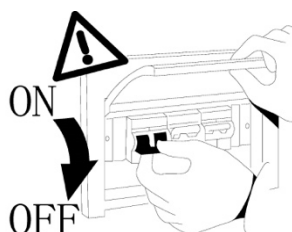
1. Please read this instruction carefully before installation and keep it for future reference.
2. Please conform to the instruction of equipment and installed by professional.
3. Make sure correct voltage applied before use and keep away from heat and vibration source.
4. The light source of this luminaire is not replaceable. When the light source reaches its end of life the whole luminaire shall be replaced.
5. For indoor use only or under shelter for outdoor use.

MAIN PARAMETER:

Product:	251844 Sensor Nødlys	251854 Sensor DIM Nødlys
Rated Voltage	AC 220-240V 50/60Hz	AC 220-240V 50/60Hz
LED Rated Power	18W	18W
System Power	20W	20W
LED Type	SMD2835 LED	SMD2835 LED
LED Driver	Constant Current 500mA	Constant Current 500mA
Color Temperature	3000K	3000K
Protection	Class II	Class II
Beam Angle	120°	120°
IP Rated	IP65	IP65
Operation Temperature	-25°C~40°C	-25°C~40°C
Weight:	1,2 kgs	1,2 kgs
Product Size:	Ø290mmxH103mm	Ø290mmxH103mm

INSTALLATION INSTRUCTIONS:

1. Always switch off the power supply before installation.
2. Make sure all parts are ready when open the box and prepare the installation tools the lighting needs.
3. Should be installed by qualified electricians.
4. If there is any damage on the housing or glass cover, should view it as disqualified product that cannot be used.

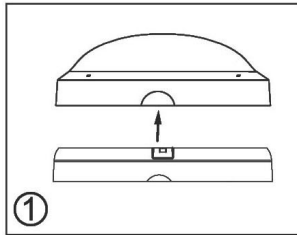


Hardware Kit

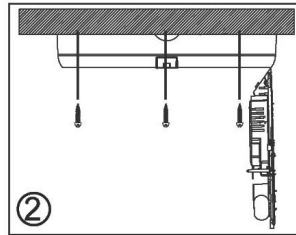
No.	Pic.	Qty.	Usage
1		3	Fix light
2		3	Plastic parts
3		4	Fix Rim
4		1	Vandal proof screw tool
5		3	Plastic washer

INSTALLATION STEPS:

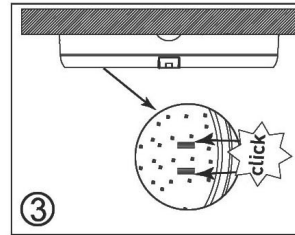
1. Select the required position for the luminaire.



Take out fitting cover after the retained screws are loose.

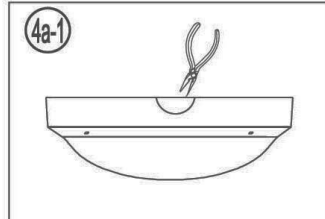


Fix the fitting base by using screws nr 1.

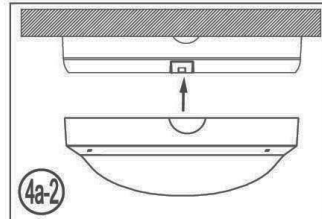


Secure the LED tray by clicking into hook.

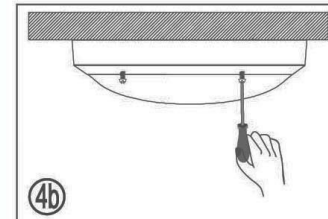
2. Provide a power supply to the luminaire using a suitable cable (2x0.75mm² at least).

For Surface Mounted Cable:

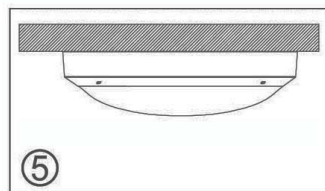
Break the knock-out holes on cover.



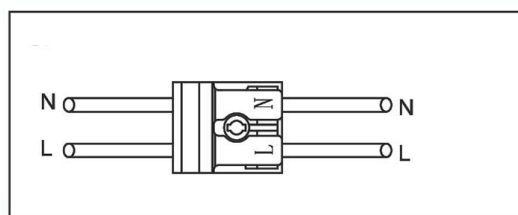
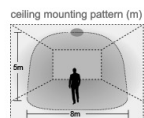
Align the knock-out holes. Secure fitting cover to base by tightening retained screws.

For Cable through Ceiling Box:

Upper cover can be positioned by twisting 90° max. Secure fitting cover to base by tightening retained screws.



Switch on the power supply.

**Sensor On-Off Setting Options:****Detection area**

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely for each specific application.

	1	
I	●	100 %
II	○	50 %



I – 100%
II – 50%

**Hold-time**

Hold-time means the time period you would like to keep the lamp on 100% after the person has left the detection area.

	2	3	
I	●	●	5s
II	●	○	30s
III	○	●	3min
IV	○	○	10min



I – 5s
II – 30s
III – 3min
IV – 10min

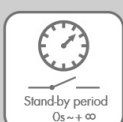
**Daylight sensor**

The daylight threshold can be set on DIP switches, to fit for particular application.

	4	5	
I	●	●	Disable
II	●	○	50Lux
III	○	●	10Lux
IV	○	○	2 Lux



I – Disable
II – 50Lux
III – 10Lux
IV – 2Lux

**Stand-by period (corridor function)**

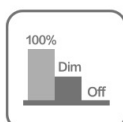
This is the time period you would like to keep at the low light output level before it is completely switched off in the long absence of people.

Note: "0s" means on/off control;
"+∞" means bi-level dimming control, fixture never switches off.

	6	7	
I	●	●	0s
II	●	○	30s
III	○	●	10min
IV	○	○	+∞



I – 0s
II – 30s
III – 10min
IV – +∞

**Stand-by dimming level**

This is the dimmed low light output level you would like to have after the hold-time in the absence of people.






	8	
I	●	10%
II	○	30%




I – 10%
II – 30%

Appendix For Emergency Kit

Parts of emergency kit list

Parts Name	Picture	Specifications
Emergency Driver		HEM03
Battery		Ni-Cd, 7.2V, 1800mAh With male plug
LED Indicator		White
Test Button		—
Connector		Female plug to connect battery

Label on batteries

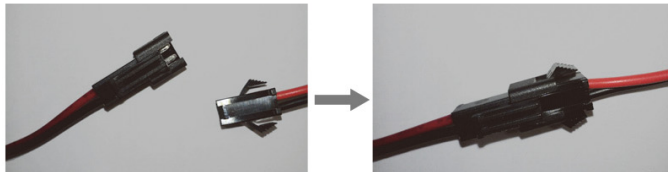
Ni-Cd	
+ Red Wire - Black Wire Sealed Ni-Cd Rechargeable Battery 1.8Ah 7.2V High Temp T-SC1800T*6	
Commissioning Date: _____	
production date: _____	
DO NOT INCINERATE	

Emergency Lighting

Emergency Lighting: 250lm - 300lm
Emergency Power: 3W
Batteries duration: 3 hours

Installation and Charging

Open the fixture and connect the battery to the emergency driver using the connector. Record the commissioning date on the battery label.



- ◆ Battery charging period: 24hours.
- ◆ Battery discharge time: 3hours.
- ◆ Battery charging & fully charged status: LED indicator is always on.
- ◆ Battery discharge: LED indicator is off.

Life time

The battery can have a life time of 4 years when maintained properly, as shown in the table below.

Item	Technical Data
Expected operation life under following conditions	>4years
Maximum continuous temperature	+60 °C / Ni - Cd, +50 °C / Ni - MH
Maximum occasional temperature	+70 °C / Ni - Cd, +65 °C / Ni - MH (1month)
Minimum continuous temperature	0 °C
Discharge frequency	once a year

How to replace batteries

- ◆ Cut the AC power supply.
- ◆ Open the fixture, disconnect the battery.
- ◆ Remove the old battery from its fixings.
- ◆ Fit the new battery in the fixings.
- ◆ Connect the battery to emergency driver using the connector.

Storage and Maintenance

- ◆ Before installation, keep the fixture with battery in a cool dry place.
- ◆ For Ni - Cd battery, fully charge and discharge once every 6 months.
- ◆ For Ni - MH battery, fully charge and discharge once every 3 months.
- ◆ Always disconnect the battery for storage.

Caution

- ◆ Cut the power supply before replacing batteries.
- ◆ If the light is on less than 3hours following power failure, the batteries must be replaced.
- ◆ Contact an authorised technical service centre for replacement batteries.
- ◆ Code for battery production date: DD.MM.YYYY . E.g 01.01.2015.



IPAS AS | Østre Rosten 2A N-7075 Tiller Norway
Tel: +47 40 00 15 59 | Email: post@ipas.no | www.ipas.no