

# LED-0865 / 0866

Ex Approved LED Light Fitting



Ex LED Light Fittings



- For Gas and Dust Ex, Zone 1/2/21/22
- Latest LED-Technique, maintenance free
- Available with emergency function
- Wide range of power supply
- Robust construction / easy installation
- Various mounting accessories available

## Description

The full plastic explosion proof LED light fittings are made of glass fibre reinforced Polyester. The transparent lid is manufactured from UV-resistant polycarbonate.

As an option the fittings are available with diffusor, which will spread the light uniformly.

Using the emergency version, the LEDs will be continuously lighting after breakdown of power supply, with lower intensity, by integrated battery.

The LED fittings with latest technology will give you extreme high luminosity at low power consumption and a maintenance free product.

There are different mounting options available, like ceiling bracket, hung to the ceiling on chains, brackets with distance from the ceiling, wall mount or clamp-on.



## Possible application

- Petro chemistry / Refinery / Offshore
- Wastewater industry / Sewage treatment
- Shipbuilding / Tanker / Tank farm
- Ex-manufacturing plant / Filling station

## Technical Data

Nominal Voltage: 100..250VAC 50/60Hz  
Terminals: L/N/PE je 2x1,5-10mm<sup>2</sup>  
Cable glands: 1x M25x1,5 (8-17mm)  
Stopping plugs: 2x M25x1,5  
Ingress protection: IP66  
Color temperature: 5700K  
Color rendering index Ra: ≥80  
Power factor λ: > 0,95  
Dimension: 1x30W: 698 x 222 x 145mm  
2x30W: 1310 x 222 x 145mm

## Certifications / Marking

ATEX, IECEx Ex Zone 1 / 2 / 21 / 22

Ex II 2G Ex db eb mb op is q IIC (T5)/T4 Gb

Ex II 2D Ex tb op is IIIC T80° Db

## Data without emergency function

Temperature class: T5 / T4  
Temperature range: -25..+40°C @ T5  
-25..+55°C @ T4  
Luminous flux: 1x30W: 3396lm / w. diff. 2923lm  
2x30W: 6836lm / w. diff. 5868lm  
Weight: 1x30W: 5,5Kg / w. diff. 5,6Kg  
2x30W: 8,9Kg / w. diff. 9,1Kg

## Data with emergency function

Temperature class: T4  
Temperature range: -25..+50°C @ 1x30W  
-25..+55°C @ 2x30W  
Luminous flux: 1x30W: 2920lm / w. diff. 2377lm  
2x30W: 5978lm / w. diff. 4671lm  
Luminous flux 1x30W: 893lm / w. diff. 712lm  
@ emergency 2x30W: 1794lm / w. diff. 1435lm  
Emergency illum. time: >120min  
Recharging / Start time: 24h / 0,1sec.  
Weight: 1x30W: 8,6Kg / w. diff. 8,7Kg  
2x30W: 11,9Kg / w. diff. 12,1Kg

# LED-0865 / 0866

Ex Approved LED Light Fitting



Ex LED Light Fittings

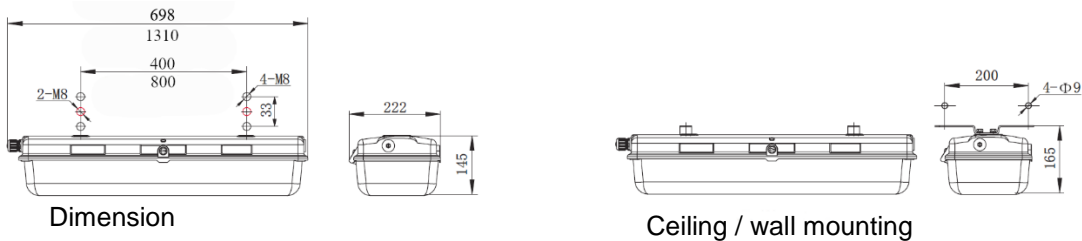


## Order-no

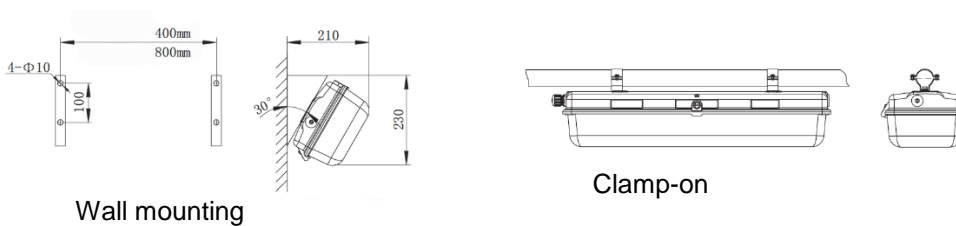
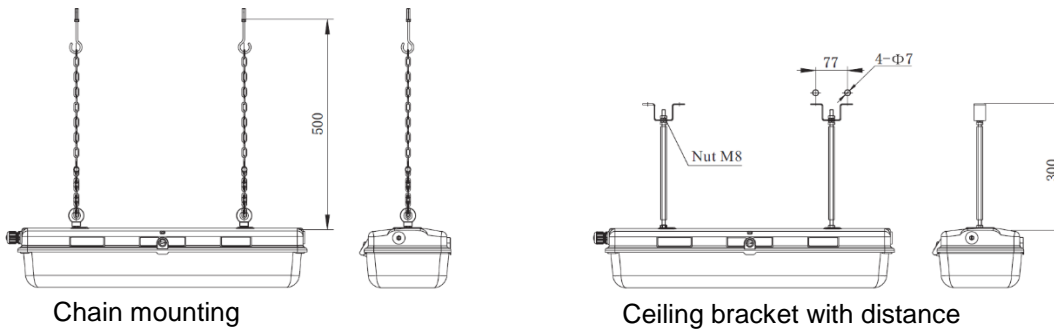
	w/o Emergency w/o diffusor	w/o Emergency with diffusor	with Emergency func. w/o diffusor	with Emergency func. with diffusor
1x 30W	LED-0865 1x30W1-B	LED-0865 1x30W2-B	LED-0865 1x30W1-YJ-B	LED-0865 1x30W2-YJ-B
2x 30W	LED-0866 2x30W1-B	LED-0866 2x30W2-B	LED-0866 2x30W1-YJ-B	LED-0866 2x30W2-YJ-B

## Mounting accessories

As standard all LED light fittings will be delivered with mounting bracket for ceiling / wall mounting.



## Mounting accessories as Option



## Luminous intensity in cd (w/o diffusor)

