



## Lighting fixture type IS210LED, IS222LED, IS225LED



Lighting fixture type IS...LED is designed for use in underground mining in explosion-free conditions and on the ground, using LED light source of fluorescent tube type with T8/G13 cap.

Lighting fixture type IS...LED is designed for installation in a grid with rated voltage of 133V to 230V, 50Hz. The fixture is connected to the lighting system using terminal connection batten through a cable groove.

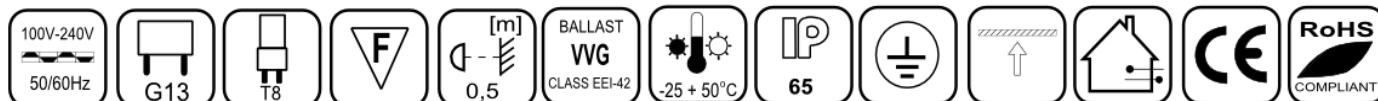
### Basic technical data:

- |  |  |
|--|--|
| • ambient temperature                                  | -25° C do + 50° C                            |
| • ingress protection according to PN-EN 60529:2003     | IP65   |
| • power supply rated voltage (Ue)                      | 230V or 133V (optional), 50Hz                |
| • type of light source                                 | LED  |
| • rated power / rated current of light sources (Pe/Ie) | 2x10W/0,048A<br>2x22W/0,192A<br>2x25W/0,218A |
| • minimum/maximum cross-section of power cable         | from 2,5mm <sup>2</sup> to 6mm <sup>2</sup>  |
| • protection class                                     | I  |
| • cap type   | T8/G13                                       |
| • cable gland  | PG21   |
| • weight   | 5 kg   |
| • dimensions ( without supporting structure )          |  |

IS210LED - 660 x 140 x 95mm (length x width x height)

IS222LED - 1265 x 140 x 95mm (length x width x height)

IS225LED - 1565 x 140 x 95mm (length x width x height)



Fixtures type IS...LED are manufactured following variants:

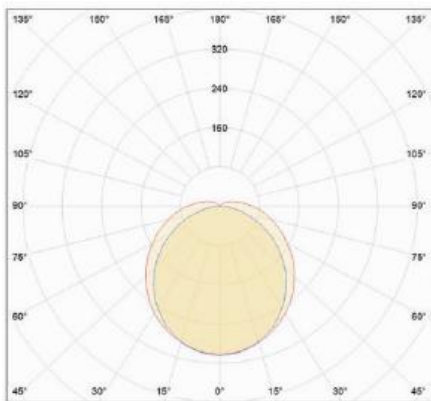
IS210LED – fixture suitable for two 10W light sources

IS222LED - fixture suitable for two 22W light sources

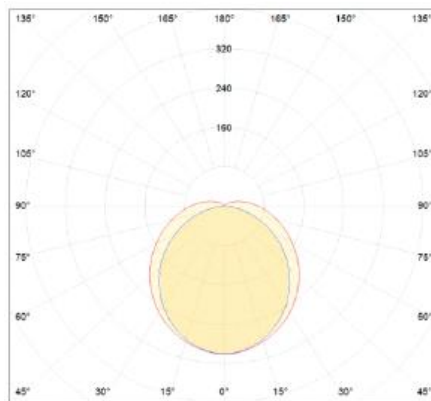
IS225LED - fixture suitable for two 25W light sources

LED light sources parameters of fixtures type IS ... LED.

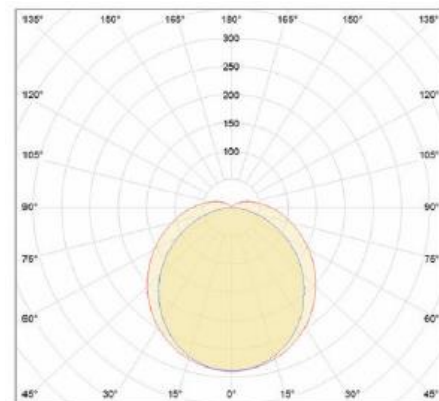
|                     |         |                     |         |                     |         |
|---------------------|---------|---------------------|---------|---------------------|---------|
| Colour temperature  | 4200K*  | Colour temperature  | 4200K*  | Colour temperature  | 4200K*  |
| Total luminous flux | 1100lm* | Total luminous flux | 2400lm* | Total luminous flux | 2600lm* |
| LED durability      | 50.000h | LED durability      | 50.000h | LED durability      | 50.000h |
| Tube length         | 60cm    | Tube length         | 120cm   | Tube length         | 150cm   |



IS210LED



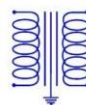
IS222LED



IS225LED

\*Source parameters can be arranged by the customer when ordering

Orders should be submitted in writing or by fax to the address:



**Instal-Service PL**

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