

LHL

- Zone 1, 2, 21, 22
- LED lamp
- Energy saving
- Lightweight and ergonomic
- Lighting comfort



LED hand-lamp LHL-...P series

The hand-lamp LHL-...P series for LED tubes of 9/17 Watt have been designed for the work of inspection and maintenance in all those potentially explosive places for the presence of gas and dust as petrochemical industries, off-shore facilities, the areas of tank control and the process areas.

They are robust and easy to handle at the same time with a high degree of IP protection and excellent performance in light output.

The LED modules used for LHL-...P series hand-lamp allow to get an excellent color spectrum thanks to the type of light emitted by the LED.

Application sectors:



CERTIFICATION DATA

| | | | | |
|-----------------------|--|-----------------------------|--|--|
| Classification: | Group II | Category 2GD | | |
| Installation: | zone 1 - zone 2 (Gas) | zone 21 - zone 22 (Dust) | | |
| Marking: | CE II 2 G Ex e mb IIC T5/T4 (Gb) | | | |
| Certification: | CE II 2 D Ex mb IIIC T95°C/T130°C (Db) IP66 | | | |
| | ATEX CEC 13 ATEX 043 | | | |
| Standards: | CENELEC EN 60079-0: 2009; EN 60079-7: 2007; EN 60079-18: 2009; EN 60079-31: 2009 | | | |
| Class temperature: | 135°C (T4) | | | |
| Ambient temperature: | Standard -20°C +40°C | Special -20°C +50°C / +60°C | | |
| Degree of protection: | IP66 | | | |

LED hand-lamp LHL-...P series



ORIGINAL PRODUCT

MECHANICAL FEATURES

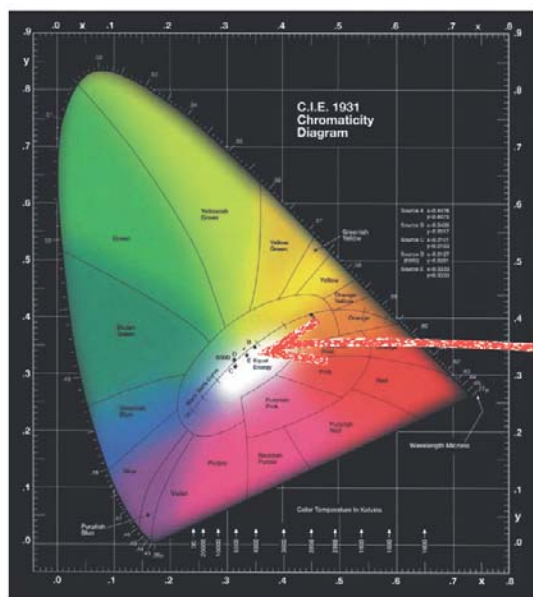
| | |
|---------------------|--|
| Body: | Transparent tube in polycarbonate, V0 (UL94) resistant to shock and UV rays |
| Handle: | Non-slip P.V.C. (polyvinyl chloride plasticized with non-toxic plasticizers) |
| Mounting: | Hand-held lamp with stainless steel hook |
| Cable gland: | Model UNI01 in polyamide |

ELECTRICAL FEATURES

| | |
|--------------------|---------------------------------------|
| Cable: | H07RN-F 2x1mm ² lenght 5 m |
| LED source: | Module with 72 LED |
| Lifetime: | > 50.000 hours |


ACCESSORIES AVAILABLE / SPECIAL REQUESTS

Different cable lengths
Rated voltage 230 Vac



The color temperature of the light produced is around 5500 K, almost the color temperature of day- light.
The pure white, also called achromatic point of refer- ence corresponding to the point of equal energy in the C.I.E. diagram, is placed between 5455 K and 5500 K.

LHL-...P series selection chart

| Code | Dimensions mm L | Type Lamp | Power supply | Watt | Class Ta =+40°C | Class Ta=+50°C | Class Ta=+60°C | Weight Kg |  |
|---------|--------------------|--------------|--------------|------|--------------------|-------------------|-------------------|--------------|---|
| LHL-10P | 475 | LED | 24 Vdc | 9 | T5 | T5 | T4 | 1,4 | |
| LHL-20P | 680 | LED | 24 Vdc | 17 | T5 | T5 | T4 | 2,3 | |

DIMENSIONAL DRAWING

