

Portable LED Lighting of the New Millennium

SLAMTUBE
DUST 3x3W

Zone 21



Innovation and Light Combined

The Slam Tube Dust 3x3W is designed and tested to meet challenging conditions of various industrial environments. Not only is it a right choice for harsh mechanical use, radical and high design has brought a valid ATEX –approval for Zone 21 and 22 areas, allowing the unit to be used in atmospheres classified as explosion-hazardous due to result of dust.

The certification of the unit is tD –protected (tight enclosure), standing for such IP –rating that dust cannot enter inside the unit and after heating up cause fire or explosion. Repair and maintenance (i.e. dismantling and re-assembly) is safe and simple. High-grade and simple-designed components ensure that proper ingress protection may be easily achieved after re-assembly.

Tough as Rock - Soft as Skin

The Slam Tube Dust 3x3W meets two opposite factors at the same time providing you as a user a full benefit. First, it has to be so tough enough to withstand extreme physical stress. Secondly, it has to be flexible and lightweight enough for easy and safe use.

The Slam Tube Dust components are made mainly of elastic plastic. Shock absorbance, lightness and durability all combine in plastic. Furthermore, it does not cause scratches and buckling to surrounding sensitive materials as fixtures made of steel or aluminium.

Lighting the Way to Safe Work

High Intensity LED's make sure the light beams are sharp and intensive, yet not limiting the total lighting area to be too spotty but wide and steady. Anti-glare film can be fitted inside the light to prevent dazzle in the eyes.

LED has extremely advanced features in comparison with conventional halogen and incandescent bulbs. Under harsh conditions LED maintains full operation enabling a safe inspection by providing you the basic element- light.

You Tell – We Listen

The Slam Tube Dust 3x3W can be modified to your individual needs. The process is possible with flexible R & D as well as wide range of accessories now available. Simply contact us and we will see how we can provide you a safe and satisfying solution to bring the light to your work area.

Key Applications

- Heavy Industry & Utilities
- Aircraft MRO
- Oil refineries & Pipeline Maintenance
- Military Purposes
- Tank inspections (i.e. Grain, Sugar, Wheat)
- Food Processing Industry
- Woodworking Industry



Technical and Products

STANDARD SPECIFICATION

Certification	CE 0537 Ex II 2 D EEx tD A21 IP66 T75 °C
Hazardous Location	Zone 21
Ingress Protection	IP 66 (T 75°C)
Operating Temperature	-20°C to + 40°C
Light Source	High Intensity LED
LED Lifetime	Approx. 50,000 hours
Ballast	Electronic
Plug Options	CEE, Schuko, CEAG, ATX, Stahl, Marechal
Cable	H07BQ-F (other types available)



Light Output	Approx. 50 Lux (distance of 1 meter)
Input Voltage (±6%)	24VAC/DC, 42VAC/DC, 110VAC/DC, 230VAC
Dimensions (mm)	262 x Ø 50 (without hook) 340 x Ø 50 (with hook)
Weight	Approx. (without cable)
Variants	A = Cable in



Accessories & features:



Hook



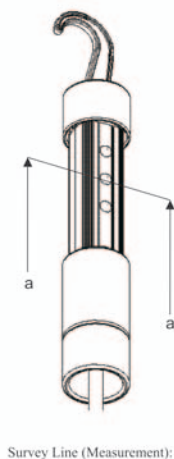
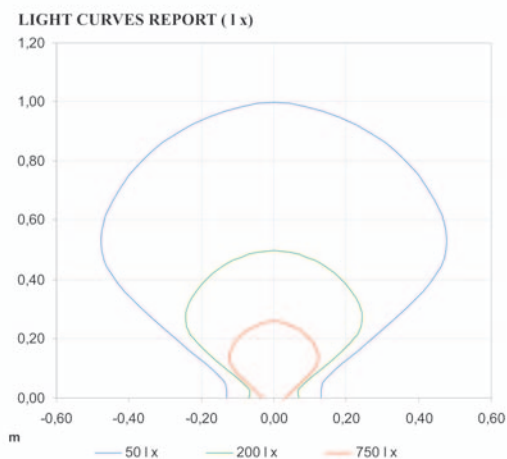
Cable hook



Anti-glare film (opal)

Light output

(e.g. 200 Lx at a distance of 0,5 m)



Declaration of Conformity



Declaration by: Centaurea Oy
P.O.Box 89
60101 Seinäjoki
Finland

This is to declare, that

SLAM-TUBE portable luminaries with marking "EEx tD A21"
has been designed and manufactured in accordance with 94/9/EC.

This declaration is based on compliance with following standards/directives:

EN 61241-0; EN 61241-1;
EN 60 598-1; EN 60 598-2-4;
EN 55015; EN 50082-1;
73/23/EEC

The equipment has been tested and certified by VTT, PO BOX 13071, 02044 VTT, FINLAND

Date: 22.09.2005

Signature:

Mika Sumuvoorri
Managing Director of Centaurea Oy

Information and specification is subject to change without notice.

Lighting the Way to Safe Work

Distributor

Manufacturer



Centaurea Oy

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