

To: Patlite (U.S.A.) Corporation  
20130 S. Western Avenue  
Torrance, CA 90501  
U.S.A.

# ATEX II 3GD

## 1. UNIT ASSESSMENT CERTIFICATE

Issued by a competent body in explosion safety

## 2. DOCUMENT NO. ARTIDOR 12ATEX9999 X

3. European Community Declaration of conformity for Group II Category 3GD equipment in accordance with Directive 94/9/EC Annex VIII.

4. We, **ARTIDOR Explosion Safety B.V., Emopad 38, 5663 PB Geldrop, The Netherlands** herewith declare that:

5. **The apparatus:** LED Light Bar  
**Features:** 18 LED elements, 380 mm length  
**Electrical:** 24 VDC, 522 mA  
**Type No.:** CLK3C24SACN/EXN  
**Quantity:** 1 piece  
**TF & Lot No.:** AS129999

6. is in conformity with the provisions of the following European Community directives, including the latest amendments, and with national legislation implementing these directives:

- **94/9/EC (ATEX); concerning equipment and protective systems intended for use in potentially explosive atmospheres**

7. and that the following harmonized standards have been applied:

- **EN 60079-0:2006 and EN 60079-15:2005**
- **EN 61241-0:2006 and EN 61241-1:2004**


8. The apparatus mentioned above fulfils all essential safety requirements for Group II, Category 3GD equipment in accordance with Directive 94/9/EC. The design and construction complies with the harmonized standards mentioned above.

9. The design is fully documented in the confidential Technical File ARTIDOR No. AS129999. The results of the examination and tests carried out are laid down in the confidential records held at the offices of Artidor Explosion Safety B.V.

10. The apparatus in its modified and evaluated configuration is a non-sparking apparatus designed to be suitable for use in a Zone 2 or Zone 22 hazardous classified location, provided the special instructions for safe use, which could be described in this declaration, are carefully adhered to.

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11. The required marking of the apparatus includes the distinctive community mark:

**CE** followed by  **II 3GD**

12. In addition, the marking includes the CENELEC code with regard to the protection degree against ignition and temperature class:

**Ex nA II T4**  
**Ex tD A22 IP65 T135°C**

13. This declaration relates only to the unique sample marked by ARTIDOR Explosion Safety B.V. with the above mentioned Ex code, type and serial number.
14. Production is controlled by the ARTIDOR Quality Assurance system in accordance with ISO 9001:2008 and annex VIII of Directive 94/9/EC.
15. This declaration does not imply that the apparatus meets all statutory requirements in any particular industry or circumstance.
16. The sign "X" placed after the declaration number indicates that the equipment is subject to special conditions for safe use as specified below.

Artidor technical construction file No.: AS129999

Geldrop, 16 April 2012  
Place and date

Signed  
**ARTIDOR Explosion Safety B.V.**

M. Moolenaar  
ATEX Authorized Person and Managing Director

#### **Special Conditions for Safe Use**

1. Unused connector ports must be plugged-off with a suitable plug.
2. The apparatus may only be used for its purpose as given by the manufacturer. All instructions mentioned in the Patlite Instruction Manual must be followed strictly.