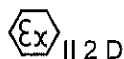




## EU Type Examination Certificate    CML 17ATEX3162X    Issue 0

- 1    Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2    Equipment    **Lighting Fixture Series EVNL**
- 3    Manufacturer    **Cortem Group**
- 4    Address    **Via Aquileia, 10**  
**34070 Villesse (GO)**  
**Italy**
- 5    The equipment is specified in the description of this certificate and the documents to which it refers.
- 6    Certification Management Limited, Unit 1 Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK, Notified Body Number 2503, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
  
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7    If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8    This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9    Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:  
  
EN 60079-0:2012+A11:2013    EN 60079-28:2015    EN 60079-31:2014
- 10    The equipment shall be marked with the following:



II 2 D

Ex tb op is IIIC T\*\*°C Db

IP66

Ta= -40°C to +50/60°C

\*Note: Refer to description for surface temperature.



CML 17ATEX3162X  
Issue 0

## 11 Description

The Lighting Fixture Series EVNL Luminaires comprise of an aluminium or stainless steel enclosure fitted with a tempered glass or polycarbonate lens that incorporates a gasket for sealing and an aluminium or stainless steel bracket for security. The enclosure incorporates fins for heat dissipation and a terminal cover. The enclosure contains an LED or board or array, a driver circuit and terminals.

Model	Power	Input Voltage	Input Frequency	EPL	Temp. Class / Max Surface Temp (°C)	
					+50°C	+60°C
EVNL-60B / 10/ 20/ 40/ 60/ 80	33 W	120/ 240/ 277 VAC	47-63 Hz	Db	T6 / T83°C	T5 / T93°C
EVNL-70B / 10/ 20/ 40	42 W	120/ 240/ 277 VAC	47-63 Hz	Db	-	T4 / 122°C
EVNL-80B / 10/ 20/ 40	83 W	220-240 VAC	50-60 Hz	Db	-	T4 / 122°C
EVNL-100B / 10/ 20/ 40	160 W	100-277 VAC	50-60 Hz	Db	-	T4 / 122°C
EVNL-60BP / 10/ 20/ 40/ 60/ 80	33 W	120/ 240/ 277 VAC	47-63 Hz	Db	T6 / 83°C	T5 / 93°C
EVNL-70BP / 10/ 20/ 40	42 W	120/ 240/ 277 VAC	47-63 Hz	Db	T4 / 112°C	-
EVNL-80BP / 10/ 20/ 40	83 W	220-240 VAC	50-60 Hz	Db	T4 / 112°C	-
EVNL-100BP / 10/ 20/ 40	160 W	100-277 VAC	50-60 Hz	Db	T4 / 112°C	-

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	02 Oct 2017	R1817A/00	Issue of Prime Certificate

Note: Drawings that describe the equipment or component are listed in the Annex.



CML 17ATEX3162X  
Issue 0

### 13 Conditions of Manufacture

None

### 14 Special Conditions for Safe Use (Conditions of Certification)

The following are conditions for safe use:

- i. When the polycarbonate lens is used, due to the risk of static hazards, the equipment shall only be cleaned with a damp cloth.
- ii. The equipment shall be used with appropriately certified and dimensioned restricted breathing cable glands or blanking plugs. Alternatively, the equipment can be used with appropriately certified and dimensioned increased safety cable glands. The increased safety cable glands shall also include ingress protection level IP66 as part of their certification.

## Certificate Annex



**Certificate Number** CML 17ATEX3162X  
**Equipment** Lighting Fixture Series EVNL  
**Manufacturer** Cortem Group

The following documents describe the equipment or component defined in this certificate:

### Issue 0

Drawing No	Sheets	Rev	Approved date	Title
A3-6626	1 of 4	0	02 Oct 2017	Lighting Fixture Series EVNL Assembly and External Dimensions
A3-6626	2 of 4	0	02 Oct 2017	Lighting Fixture Series EVNL Gasket and Window Dimension
A3-6626	3 of 4	0	02 Oct 2017	Lighting Fixture Series EVNL Wiring and Label
A3-6626	4 of 4	0	02 Oct 2017	Lighting Fixture Series EVNL Detail of Mounting/ Typical Circuit Diagram