



**13. SCHEDULE**

**14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS13ATEX27822X**

**15. DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM**

BA390 LED Cluster Lamp is a panel mounting equipment which may be clear or different colours.

The BA390 comprises two printed circuit boards, one containing a voltage regulating chip, a resistor and five light emitting diodes (LED's) and the second containing a terminal block for external connections. The LED and terminal boards are housed within a plastic enclosure. The enclosure provides a Degree of Protection of at least IP20.

The BA390 LED Cluster Lamp may be one of the following:

Model No.	Alternative Model No.	Lamp Colour
BA390 R	LED-Ex1. R or VS1 R	Red Lamp
BA390 G	LED-Ex1. G or VS1 V	Green Lamp
BA390 A	LED-Ex1. A or VS1 J	Amber Lamp
BA390 B	LED-Ex1. B or VS1 BL	Blue Lamp
BA390 W	LED-Ex1. W or VS1 BN	White Lamp
BA390 S	LED-Ex1. S or VS1 S	Special Colour Lamp

For any alternative build a further suffix will be added to identify the equipment build, e.g. BA390 RS1 indicates a Red Lamp and 'Sx' the alternative build. All alternative build will meet the requirements of the drawings listed below.

The intrinsically safe input parameters are:

$U_i = 30 \text{ V}$   
 $I_i = 159 \text{ mA}$   
 $P_i = 1.2 \text{ W}$   
 $C_i = 0$   
 $L_i = 0$

**16. REPORT NUMBER**

Intertek Report Ref G101230529, dated July 2013.

**17. SPECIAL CONDITIONS FOR SAFE USE**

The external parts of the equipment are made of non-metallic materials which may represent an electrostatic charging hazard. The user shall refer to the manufacturer's instructions to ensure that electrostatic charging is avoided.

**18. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (EHSR'S)**

The relevant EHSR's have been identified and assessed in Intertek Report Ref G101230529, dated July 2013.

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19. Drawings

## Manufacturer's Documents

Title:	Drawing No.:	Rev. Level:	Date:
IECEX Certification Information for BA390 LED Cluster Lamp	CI390-01-IEC, sheets 1 to 6	2	June 13

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