



**BUREAU  
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## (1) EC-Type Examination Certificate

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 94/9/EC

(3) EC Type Examination Certificate Number

**EPS 15 ATEX 1 991**

**Revision 0**

(4) Equipment: LED-Floodlight 6525/1...

(5) Manufacturer: R. STAHL Schaltgeräte GmbH

(6) Address: Am Bahnhof 30, 74638 Waldenburg, Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 14TH0441.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2012 + A11:2013**

**EN 60079-15:2010**


**EN 60079-31:2009**

**EN 60079-28:2007**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:

 II 3G Ex nR op is IIC T6...T5 Gc  
II 2D Ex tb IIIC T80 °C...T95 °C Db  
-60°C ≤ T<sub>amb</sub> ≤ +60°C for T5 / T95 °C (120 & 210 W version)  
-60°C ≤ T<sub>amb</sub> ≤ +50°C for T6 / T80 °C (120 W version)  
-60°C ≤ T<sub>amb</sub> ≤ +45°C for T6 / T80 °C (210 W version)

Certification department of explosion protection

Nürnberg, 2015-06-16

  
D. Zitzmann



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(13)

## Annex

(14) EC-Type Examination Certificate EPS 15 ATEX 1 991

Revision 0

(15) Description of equipment:

The LED Floodlight series 6525 is an explosion-proof electrical luminaire with LED Lamps and restricted breathing enclosure. It is suitable for illumination of operating and storage facilities in hazardous areas for use in Equipment Protection Level Gc, Db and Dc. The LED luminaire is available as 120 W or 210 W version. The 120 W version uses one LED driver. The 210 W version uses two LED drivers and an additional heatsink on the rear-side of the enclosure.

### Type Code (Nomenclature)

6525 / 1 \*\*\* - \*\*\*\* - \*\*\*\_\*\*\*

a bcde - fghi - j

- a Type series
- b Generation
  - 1 – 1. Generation
- c Ex – Protection
  - 1 – nR
  - 2 – nA (*not covered by this certification*)
- d Size in Height
  - 1 – 600
  - 2 – 475 (*not covered by this certification*)
- e Light Distribution (*optical lens on LED*)
  - 1 – 20°
  - 2 – 40°
  - 4 – 120°
- f Wattage
  - 2 – 120W
  - 4 – 210W
- g LED – Driver
  - 1 – 1x OT 150
  - 2 – 2x OT 150
- h Control gear assembly (*not covered by this certification*)
- i Thermal protection
  - 0 – without
  - 1 – with
- j additional information without reference to explosion-protection

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Electrical data:

220 – 240 V; 50/60 Hz;  
120 W; 0,54 A  
210 W; 0,94 A

- (16) Test report: 14TH0441
- (17) Special conditions for safe use:  
none
- (18) Essential health and safety requirements:  
Met by standards.



Nürnberg, 2015-06-16