



Lloyd's  
Register

## Type Approval Certificate Extension

This is to certify that Certificate No. 08/ 00036(E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Wolf Safety Lamp Company Ltd
<b>PLACE OF PRODUCTION</b>	Saxon Road Works Sheffield, S8 0YA United Kingdom (UK)
<b>DESCRIPTION</b>	Rechargeable Safety Torch/ Flashlight
<b>TYPE</b>	Wolf ATEX R-50/ R-55
<b>APPLICATION</b>	R-50: Zone 1 and Zone 2 of potentially explosive gas, vapour and mist atmospheres and Zone 21 and Zone 22 of potentially explosive dust atmospheres in the marine industries.  R-55: Zone 0, 1 and 2 of potentially explosive gas, vapour and mist atmospheres and Zone 20, Zone 21 and Zone 22 of potentially explosive dust atmospheres in the marine industries.
<b>SPECIFIED STANDARDS</b>	EN 60079-0:2012 + A11:2013 EN 60079-11:2012 EN 60079-28:2015

<b>Certificate No.</b>	08/ 00036(E3)
<b>Issue Date</b>	1 November 2018
<b>Expiry Date</b>	31 October 2023
<b>Sheet</b>	1 of 2

Lloyd's Register EMEA  
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**RATING**

Model	Code	Ambient Temperature	Bulb
R-50	I M2 / II 2GD Ex ib op is I Mb / IIC T4 Gb Ex ib op is IIIB T200°C Db IP67	-40°/ -30°/ -20°C to +40°C	High Power LED: 3 W
R-55	I M1 / II 1GD Ex ia op is I Ma / IIC T4 Ga Ex ia op is IIIB T200°C Da IP67	-40°/ -30°/ -20°C to +40°C	High Power LED: 3 W

Primary cell versions may use only the following cell types:  
 - any R6/ AA size zinc-chloride or zinc-carbon cells, or  
 - LR6/ AA size batteries of type Duracell Plus, Duracell Procell, Duracell Industrial, Energizer Ultra+ or Energizer Industrial

**OTHER CONDITIONS**

The equipment is to be opened and charged only in non-hazardous (safe) areas.  
 Dust layers must be prevented from building up on the equipment.  
 The equipment must not be left energised and unattended in Zone 20 areas.

*“This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate.”*

*The attached Design Appraisal Document No. 08/ 00036(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate*

All other details remain as the previous Certificate No. 08/ 00036(E2) to which this extension should be attached.

**Certificate No.** 08/ 00036(E3)  
**Issue Date** 1 November 2018  
**Expiry Date** 31 October 2023  
**Sheet** 2 of 2

Southampton Office  
**Lloyd's Register EMEA**  
LR030.2016.06

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