



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:

PRODUCER	Wolf Safety Lamp Company Ltd
PLACE OF PRODUCTION	Saxon Road Works Sheffield, S8 0YA United Kingdom (UK)
DESCRIPTION	Rechargeable Safety Torch/ Flashlight
TYPE	Wolf ATEX R-50/ R-55
APPLICATION	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.
SPECIFIED STANDARDS	EN 60079-0:2012 + A11:2013 EN 60079-11:2012 EN 60079-28:2015

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

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS



Andrei Petrov
UK&I Technical Support Office, Southampton
Lloyd's Register EMEA

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



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

Andrei Petrov
 UK&I Technical Support Office, Southampton
 Lloyd's Register EMEA

*Lloyd's Register EMEA
 71 Fenchurch Street, London EC3M 4BS*

Lloyd's Register EMEA
 Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.