



Italia

CERTIFICATE

[1] **EU-TYPE EXAMINATION CERTIFICATE**

[2] **Equipment or Protective System intended for use in potentially explosive atmospheres Directive 2014/34/EU**

[3] EU-Type Examination Certificate number:

TÜV IT 16 ATEX 083 X

[4] Equipment or Protective System: Handheld rechargeable work light, Model: UNI-EX03.5600

[5] Manufacturer: Scangrip A/S

[6] Address: Rytterhaven 9 5700 Svendborg, Denmark

[7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] TÜV Italia, notified body no. 0948 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 product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. R 16 EX 064

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2012 + A11 : 2013 EN 60079-11 : 2012 EN 60079-28 : 2015

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

[11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

	II 2G Ex ib op is IIC T4 Gb	-20 °C ≤ Tamb ≤ 45 °C
	II 2D Ex ib IIIC T120°C Db	-20 °C ≤ Tamb ≤ 45 °C

This certificate may only be reproduced in its entirety and without any change, schedule included.

Issue date: 04th April 2017



SGQ N° 049A SSI N° 055G ISP N° 057E
 SGA N° 018D ITX N° 001L LAB N° 0076
 SCR N° 009F SGE N° 013M PRD N° 081B
 EMAS N° 013P PRS N° 077C

Membro degli Accordi di Mutuo Riconoscimento
 EA, IAF e ILAC
 Signatory of EA, IAF and ILAC Mutual
 Recognition Agreements



TÜV Italia S.r.l.
 Notified Body N° 0948

Paolo Marcone
Paolo Marcone

**Industry Service - Real Estate & Infrastructure
 Managing Director**

TÜV Italia has been authorized by Italian government to operate as notified body for the certification of equipment or protective system intended for use in potentially explosive atmospheres. This document is not valid without official signature and logo. The internal reference code is 722129189.

[13]

SCHEDULE



Italia

[14]

EU-TYPE EXAMINATION CERTIFICATE
no. TÜV IT 16 ATEX 083 X

Certificate History

Revision:	Description:	Report no:	Issue Date:
-	First Emission	0	04/04/2017

[15] **Description of equipment**

Handheld rechargeable work light part is composed of shell, foldable stand, LED module, intrinsically circuit control board, battery pack and hook assembly. The light is with rechargeable lithium iron phosphate battery, The switch is at back of light, with Low-High-OFF three modes. There is battery capacity indication at back of light, for checking the capacity at any time.

Rated characteristics

Enclosure material	Plastic
Ambient temperature	-20 °C ≤ Tamb ≤ 45 °C
Protection degree	IP65(according to IEC 60529)
Rated voltage/current	5V/2A d.c.
Rated power	2.5W
Battery	DISON IFR18650, 3.2V, 2800mAh

Warning label

1. DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT
2. DO NOT CHARGE THE BATTERY IN HAZARDOUS LOCATION
3. DO NOT REPLACE BATTERY WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT.

[16] **Report no. R 16 EX 064**

Routine test

N/A

[17] **Special conditions for safe use**

Operation: -20 °C ≤ Tamb ≤ 45 °C

Charging (in a non-classified area): 0 °C ≤ Tamb ≤ 45 °C

[18] **Essential Health and Safety Requirements**

Assured by compliance with the standards set out in the [9].

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[19] Drawings and Documents

Listed documents (prot. 722129189)

Title:	Description:	Pages:	Rev:	Date:
/	Production description	4	/	/
30113470	EX charging base part	1	1.0	15/03/2016
10229950	EX charging base housing	1	1.0	15/03/2016
10229960	EX cover of charging base	1	1.0	15/03/2016
10804530	PCB board	1	1.0	15/03/2016
10405760	beryllium bronze	1	1.0	15/03/2016
10229780	front housing part	1	1.0	15/03/2016
10230890A	upper cover of housing	1	1.0	15/03/2016
10229800	front lens	1	1.0	15/03/2016
10408510A	front housing insert	1	1.0	15/03/2016
10230050	Top lens	1	1.0	15/03/2016
10229850	EX front gadget	1	1.0	15/03/2016
10230900A	EX rear housing part	1	1.0	15/03/2016
10230910A	EX rear housing	1	1.0	15/03/2016
10503720A	copper sheet (insert)	1	1.0	15/03/2016
10229840	EX cover of battery capacity indicator	1	1.0	15/03/2016
10229830	EX protection cover of charging socket	1	1.0	15/03/2016
10304110A	EX O ring	1	1.0	15/03/2016
30113450	battery part	1	1.0	15/03/2016
10229910	EX upper housing of battery box	1	1.0	15/03/2016
10232410A	EX lower housing of battery box	1	1.0	15/03/2016
10229790	EX upper housing of bracket	1	1.0	15/03/2016
10230920A	EX lower housing of bracket	1	1.0	15/03/2016
10303790	EX silicone pick gear	1	1.0	15/03/2016
10408580A	EX magnet board	1	1.0	15/03/2016
10408570A	EX magnet	1	1.0	15/03/2016
11245650A	EX label of bracket magnet	1	1.0	15/03/2016
11008030A	EX top LED board part	1	1.0	15/03/2016
10229820	EX top reflection cup	1	1.0	15/03/2016

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11008060A	EX top light board	1	1.0	15/03/2016
11008090A	3535LED (CREE XP-E2)	1	1.0	15/03/2016
11008040A	EX front LED board part	1	1.0	15/03/2016
11004940	LED	1	1.0	15/03/2016
10229810	EX front reflection cup	1	1.0	15/03/2016
10303800	EX button cap	1	1.0	15/03/2016
10408280	EX heat sink	1	1.0	15/03/2016
10231050A	EX hook part	1	1.0	15/03/2016
10229860	EX hook pressing plate	1	1.0	15/03/2016
10229870	EX hook	1	1.0	15/03/2016
30118570	content of battery box	1	1.0	15/03/2016
11251340A	content of lamp	1	1.0	15/03/2016
10231220A	EX PCB Insulating sheet	9	1.0	15/03/2016
/	UNI-EX 03.5600-BOM	2	1.0	15/03/2016
/	UNI-EX 03.5600 Drawing	42	1.0	15/03/2016
AECS-741-12	UNI-EX-03.5600-Instruction	11	1.0	15/03/2016
10408280	Metal Part-ADC12-Heat Sink	3	1.0	15/03/2016
10230890A	Plastic Part-AA757-AA345-AD000D-Housing	3	1.0	15/03/2016
10304110A	Rubber Part XHG151-55.XHG151-75-O ring	9	1.0	15/03/2016
10700830A	Li-ion Battery-DISON IFR18650 3.2V,2800mAh 8.96Wh	10	A0	14/05/2016

One copy of all documents is kept in TÜV Italia files.