



Product Service

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Technical Report No. 028-713009439-000

Rev. 00

Dated 2012-08-21

Client: Nivalan Teollisuuskylä Oy
Kimmo Leppäkoski
Pajatie 5
85500 NIVALA
Finland

Manufacturing place: Unknown

Test subject: Product:
Sunsboy worklight

Test specification: EN 60529:1991+A1:2000 in conjunction with clause 9 of
EN 60598-1:2008 + A11:2009

Purpose of examination: Test according to the test specification with the requirements for degree of
protection IP54

Test result: See point 3 – test results

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1 Description of the test subject

1.1 Technical Data

Sunsboy worklight: 12V DC 35W

1.2 Product picture



2 Order

2.1 Date of Purchase Order, Customer's Reference

2012-06-25, Fax, Kimmo Leppäkoski, Order No.: DI 607

2.2 Receipt of Test Sample, Location

2012-08-16, TÜV SÜD Product Service GmbH, Ridlerstraße 65, 80339 Munich

2.3 Date of Testing

2012-08-17 until 2012-0-21

2.4 Location of Testing

TÜV SÜD Product Service GmbH, Ridlerstraße 65, 80339 Munich

2.5 Points of Non-compliance or Exceptions of the Test Procedure

none

3 Test Results

3.1 Positive Test Results

Test Conditions

	measured	allowed
Temperature range:	24,9°C	15-35°C
Relative humidity:	38%	25-75%
Barometric pressure:	990mbar	860-1060mbar

Test for protection specified by the first characteristic numeral:

5 - Protection against solid foreign objects, dust-proof (category 2)

The test sample was supported inside the test chamber (fig. 2 - EN 60529), the duration was 8 hours.

During testing no dust penetrates into the enclosure. The requirements concerning protection against solid foreign objects, code "IP5X" (dust-proof), were fulfilled.

Test for protection by the second characteristic numeral:

4 – Protection against splash-water

The examination took place by means of pan tube, see picture 4 of the EN 60529
The period spent in the splash-water amounted to 10 minutes, the water flow rate amounted to 3,4l/min

During testing no water penetrates into the enclosure. The requirements concerning protection against water, code "IPX4" (splash-water), were fulfilled.

TÜV SÜD Product Service GmbH

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Technical Report checked

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