

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Light Fitting

with type designation(s)
ST 76

Issued to

LightPartner Lichtsysteme GmbH & Co. KG
Bremen, Germany

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Vibration class A
Enclosure class IP 67
Class N/A
Temp. class N/A
Voltage class 120 V/230 V
Ex class N/A

Issued at **Hamburg** on **2017-03-03**

This Certificate is valid until **2022-03-02**.

DNV GL local station: **Bremerhaven**

for **DNV GL**

Approval Engineer: **Maik Gagern**

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Duy Nam Le
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Product description

Flood lights with Halogen

Type	Model no.	Power
ST 76	5101 0044 ..	1 x 200 W
ST 76	5101 0008 ..	1 x 200 W 1 x 300 W 1 x 500 W
ST 76	5101 0007..-005	1 x 400 W
ST 76	5101 0006 ..	1 x 400 W
ST 76	5101 0002 ..	1 x 750 W 1 x 1000 W

Floodlights with LED

Type	Model no.	Power
ST 76	5101 0058 ..	2 x 25 W
ST 76	5101 0043 ..	1 x 80 W

Floodlight HST / HIT

Type	Model no.	Power	Integrated ballast
ST 76	5101 0005..-xxx	1 x 70 W	X
ST 76	5101 0007..-xxx	1 x 250 W	X
ST 76	5101 0007..-xxx	1 x 400 W	X
ST 76	5101 0007..-xxx	2 x 250 W 2 x 400 W	
ST 76	5101 0011..-xxx	1 x 1000 W	
ST 76	5101 0011..-xxx	1 x 1000 W	
ST 76	5101 0006..-xxx	1 x 400 W	

Application/Limitation

Ballast unit have not been included in the type testing; and are not considered a part of this certificate.

Type Approval documentation

Tests carried out

Standard	Release	General description	Limitation
DNV GL Class Program DNVGL-CP-0398	2015-12	TYPE APPROVAL - LUMINARIES	

Marking of product

Manufacturer's name or trade mark – type designation under which the product is type approved – voltage – maximum current - IP class.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.



Job Id: **262.1-023061-1**
Certificate No: **TAE00001SB**

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE