

ZERTIFIKAT NR.:

LICENCE HOLDER
GENEHMIGUNGSINHABER

Lihong Safety Equipment Engineering
(Shanghai) Co., Ltd.
Room E and F, 26th Floor, No. 828-838
Zhangyang Road, Pilot Free Trade Zone,
Pudong, Shanghai,

MANUFACTURING PLANT
FERTIGUNGSSTÄTTE

Refer to reports V2N50001, V2N50002,
V2N50003,

PROJECT NO/-ID
PROJEKT-NR/-ID

V2N5

LICENSED TEST MARK
GENEHMIGTES PRÜFZEICHEN



Technical REPORT NO.
TECHNISCHER BERICHT NR.

V2N50001, V2N50002,
V2N50003,

Tested according to
Geprüft nach

IEC 61508:2010, IEC 62061:2021, ISO 13849-1:2023, IEC
61496-1:2020, IEC 61496-2:2020

Certified product(s)
Zertifizierte(s) Produkt(e)

Safety Light Curtain

Model(s)
Modell(e)

LSMT series (See the second page for the detail model)

**Technical Data and
Parameter**
Technische Daten und Parameter

The products fulfil the requirements of functional safety acc. to
IEC 61508, IEC 62061 in accordance with SIL 3, HFT=1 and
ISO 13849-1:2023 PL e, Cat. 4.
Type 4 requirements approved acc. to IEC 61496-1:2020, IEC
61496-2:2020 report No. IN-QD-5805-TF240316.

Specific Requirements
Spezifische Anforderungen

This certificate confirms the achievement of the requirements
based on the following proof:
Proof that processes and methods are established at the
manufacturer guaranteeing that unexceptionable processes in
terms of design, production, validation, and quality management
comply with the safety-related standards (refer to reports
V2N50001, V2N50002, V2N50003)

**Certification Body
for Functional Safety
SGS-TÜV Saar GmbH**

Zertifizierungsstelle für Funktionale Sicherheit

Munich, 2024-10-09

Robert Sammer

The test mark regulation is an integral part of this certificate.
Die Prüf- und Zertifizierungsordnung ist integraler Bestandteil des Zertifikates.

SGS-TÜV Saar GmbH, Benzstraße 28, 82178 Puchheim

Website www.sgs-tuv-saar.com E-mail fs@sgs.com



Model List
referred to on Certificate No.: FS/71/220/24/1546
Product: Safety Light Curtain

Attachment:

Accuracy 14mm	
LSMT-14-140H	LSMT-14-620H
LSMT-14-220H	LSMT-14-700H
LSMT-14-300H	LSMT-14-780H
LSMT-14-380H	LSMT-14-860H
LSMT-14-460H	LSMT-14-940H
LSMT-14-540H	LSMT-14-1020H
Accuracy 25mm	
LSMT-25-140H	LSMT-25-1020H
LSMT-25-220H	LSMT-25-1100H
LSMT-25-300H	LSMT-25-1180H
LSMT-25-380H	LSMT-25-1260H
LSMT-25-460H	LSMT-25-1340H
LSMT-25-540H	LSMT-25-1420H
LSMT-25-620H	LSMT-25-1500H
LSMT-25-700H	LSMT-25-1580H
LSMT-25-780H	LSMT-25-1660H
LSMT-25-860H	LSMT-25-1740H
LSMT-25-940H	
Accuracy 45mm	
LSMT-45-140H	LSMT-45-1100H
LSMT-45-220H	LSMT-45-1180H
LSMT-45-300H	LSMT-45-1260H
LSMT-45-380H	LSMT-45-1340H
LSMT-45-460H	LSMT-45-1420H
LSMT-45-540H	LSMT-45-1500H
LSMT-45-620H	LSMT-45-1580H
LSMT-45-700H	LSMT-45-1660H
LSMT-45-780H	LSMT-45-1740H
LSMT-45-860H	LSMT-45-1820H
LSMT-45-940H	LSMT-45-1900H
LSMT-45-1020H	LSMT-45-1980H