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Carmanhaas□ □□□□ □□□□ □□ □□□□ □□□□□□. □□ □□ □□□ □□ □□ □□ □□□□ □□ □□ □□□ □□ □□□□□. □□□ □□ □□□□ □□□□ □ □ □□□□, □□□□ □ F-Theta □□ □□□ □□□ □□ □ □□ □□□ □□□□□ □□□□□. □□□□□□□ □□ □□□□ □□ □□□

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- (1) □□ □□ □□□ $< \lambda/5$, the assembly scheme of the objective lens is required to ensure the height of the spot is consistent;
- (2) □ □□ □□□ □□ □□ □□□ $> 95 \%$;
- (3) □□ □□ □□□ $< 0.5\text{mm}$;
- (4) □□ □□ □□ □□ > 1.05 .

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1064nm f-theta □□

□□ □□	□□ □□(mm)	□□ □□ (mm)	□□ □□ □□ (mm)	□□ □□ (mm)	□□ □
SL-1064-140-200.	200.	140x140.	14.	208.	M85x1.
SL-1064-185-255- (16CA)	255.	185x185.	16.	274.	M85x1.

1064nm □ □□□

Part Description	Expansion Ratio	Input CA (mm)	Output CA (mm)	Housing Dia (mm)	Housing Length (mm)	Mounting Thread
BE-1064-D23:40.5-1.5x	1.5X	10	20.7	27	40.5	M22*0.75
BE4-(1030-1090)-D35:163.9-Z14x	1X-4X	20	35	44	163.9	/
BE4-(1030-1090)-D34:162.6-Z210x	2X-10X	14	34	40	162.6	/

1064nm □□

□□ (mm)	□□ (mm)	□□
25.4.	6.35.	HR @ 1030-1090nm, 45 ° AOI.
30.	5.	HR @ 1030-1090nm, 45 ° AOI.
50.	10.	HR @ 1030-1090nm, 45 ° AOI.









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PerkinElmer Lambda 950---Testing Transmission and Reflectivity







C E R T I F I C A T E

ATTESTATION CERTIFICATE OF MACHINERY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been observed and audit has been completed successfully. 2006/42/EC Machinery Directive and 2014/35/EU Low Voltage Directive have been taken as references for these processes

Company Name : **Camman HAAS Laser Technology (Suzhou) Co., Ltd.**

Company Address : No 155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Jiangsu , P.R.China

Related Directives and Annex : **Low Voltage Directive 2014/35/EU
Machinery Directive 2006/42/EC**

Related Standards : **EN ISO 12100:2010; EN 60204-1:2006+A1:2009+AC:2010**

Product Name : **Laser Marking Machine**

Report No and Date : SD-90049717:09.08.2018

Product Brand/Model/Type : LMCH-3W,LMCH-5W,LMCH-10W,LMCH-15W,LMCH-20W,LMCH-25W,
LMCH-30W,LMCH-50W,LMCH-60W,LMCH-70W,LMCH-100W,
LMCH-120W,LMCH-150W,LMCH-200W,LMCH-300W,LMCH-500W

Certificate Number : **M.2018.201.N6073**

Initial Assessment Date : 10.08.2018

Registration Date : 13.08.2018

Reissue Date/No :

Expiry Date : **12.08.2023**


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E-mail: info@udemtd.com.tr www.udem.com.tr



Certificate of Approval

Certificate No.: 10119Q12565ROM

Awarded to

**Carman Haas Laser Technology(SuZhou)
Co., Ltd.**

Organization Code Certificate No. / Unified Social Credit Code:91320594M1MF4EP56
Add.:No.155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Jiangsu Province, P.R. China. 215000

Beijing ZhongLian TianRun Certification Center (ZLTR) certify that the
Quality Management System of the above organization has been assessed and found to be
in accordance with the requirements of the standard:
GB/T19001-2016 / ISO9001:2015

SCOPE OF CERTIFICATION/REGISTRATION
The Research and Development and Production of Optics Lenses (Except the limits of
national laws and regulations.)

This certificate is made valid when used with certification scopes and the requirements of applicable
laws and regulations. These requirements include, but are not limited to, administrative permits,
scopes of qualifications, and CCC requirements.

Subject to operation conditions in requirements conformity with Quality Management System,

This Certificate is valid for a period of three years only,
Date from: Mar 13th, 2019 To: Mar 12th, 2022

The effectiveness of this Certificate shall be Validated by periodic surveillance audit
of ZLTR for maintenance.

Information of this certificate can be found on the official website of Beijing Zhonglian Tianrun
Certification center (<http://www.zltr.com.cn>)



Beijing Zhongliantianrun Certification Center

Room2603, 22nd Floor, 2nd Unit, Block 1, No.4 Yard, Qiyang Road, Chaoyang District, Beijing, P.R. China 100102

Information of this certificate can be found on the official website of Certification and Accreditation Administration of the People's Republic of China (<http://www.cnca.gov.cn>)

ISO 9001

ISO 9001





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