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## **Detail Image**













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12.	2.	18.6 / 50.8mm.	AR / AR@10.6um □□ AR / AR@9.3um.
14/15/16/17.	2.	50.8 / 63.5mm.	
18.	2.	50.8 / 63.5 / 75/100	
19.05.	2.	38.1 / 50.8.8 / 63.5 / 75/100	
20.	2.	25.4 / 38.1 / 50.8 / 63.5 / 75/12/127	
25.	3.	38.1 / 50.8 / 63.5 / 75/100 / 127/15.5	
17.49.	3.	50.8 / 76.2 / 95.25 / 127/150	
38.1.	4/8.	127/190.5.	AR / AR@10.6um.
50.8.	7.9.	127/190.5 / 222.25	

### Installation Schematic



## Lens Cleaning

# 1.For light pollution (dust, fiber particles) were flexible cleaning.

Using a blowing balloon, Blow off scattered contaminants on the surface of the optical element.



# 2.For light pollution (stains, fingerprints) were flexible cleaning.

Propanol, acetone glue with a cotton swab or alcohol to gently wipe the surface.



# 3.For moderately polluted (saliva, oil) in moderate-intensity cleaning.

Infiltrating distilled white vinegar with a cotton swab, wipe the surface a little pressure.













PerkinElmer Lambda 950---Testing Transmission and Reflectivity



# ERTIFIC

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

: No 155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Company Address

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 Initial Assessment Date : **M.2018.201.N6073** : 10.08.2018 UDEM Intern

: 13.08.2018 Reissue Date/No and Trade Inc. Co

Ressue Date/No : Audit
Expity Date : 12.08.2023 and T
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Address: Mutlukent Mahalleis 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TURKEY

Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 76

E-malk info@demNdt.com.rt www.udem.com.tr

Registration Date



UDEM



# Certificate of Approval

Certificate No.: 10119012565ROM

Awarded to

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

Organization Code Certificate No. / Unified Social Credit Code:91320594MA1MF4EP56
Add.:No.155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Jiangsu Province, P.R. China. 215000

Beijing ZhongLianTianRun 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











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