

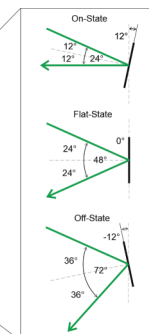
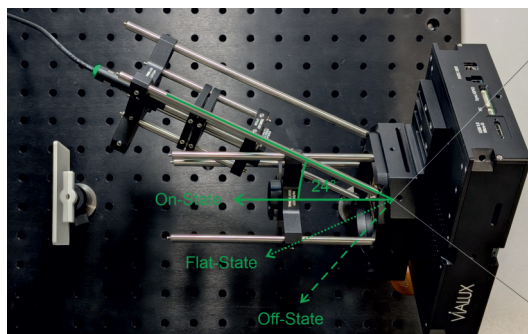
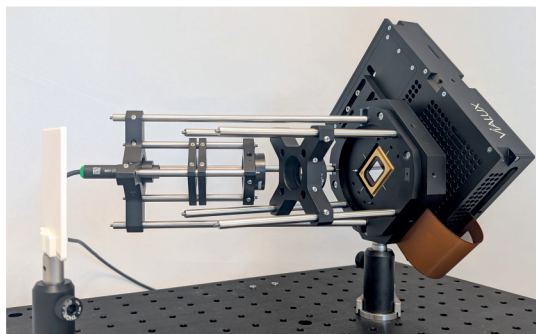
## Mounting Solutions for DLP® Subsystems

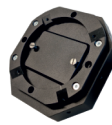

The LabKit consists of two separate modules, a DMD mounting and a controller board case specially optimized for DLP® Technology applications in laboratory environments. The mounting system allows for flexible attachment to a standard optical table via M4 slot compatibility. To accommodate diverse beam paths, the DMD mounting as well as the controller board case can be mounted in various configurations and orientations.

The DMD mounting comes with a modular adapter ring enabling flexible integration with 60 mm optical cage systems and provides 24° alignment of the DMD surface with respect to the incoming and reflected beams. The mounting system includes an integrated heat sink and allows for external cooling in a thermally enhanced configuration for high-power applications.

All components are anodized for durability and equipped with reference markers for repeatable positioning.

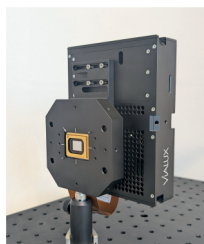
### Application Example\*



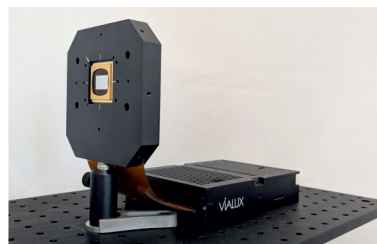
DMD Mounting <sup>1</sup>	DM 65/70	DM 90/95	DM 650L	
Supported DMDs	DLP6500/7000	DLP9000/9500	DLP650L	DMD Mounting with adapter ring and DMD cover plate. 
Dimensions LxHxD [mm]	102 x 102 x 38	124 x 123 x 41	102 x 107 x 36	
Weight [g]	255	340	260	
ViALUX part number	9395	9396	9397	
Controller Board Case <sup>2</sup>	CBC 50	CBC 43	CBC 42	
Supported V-Modules	V-7002/9502/650L02	V-7001/9501/650L	V-7000	Controller Board Case with DMD mounting adapter 
	V-6502/9002	V-6501/9001		
Weight [g]	675	675	685	
ViALUX part number	9398	9399	9413	

<sup>1</sup>Includes adapter ring for optical cage system and DMD cover plate. | <sup>2</sup>Includes DMD mounting adapter for DMD mounting. | Note: LabKit is not suitable for special shapes of the DMD board.

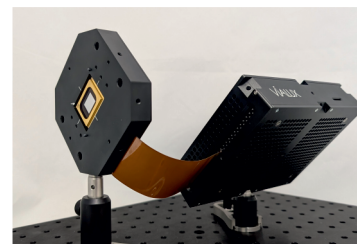
### Configuration Examples\*



0° - Compact



0° - Thermally Enhanced

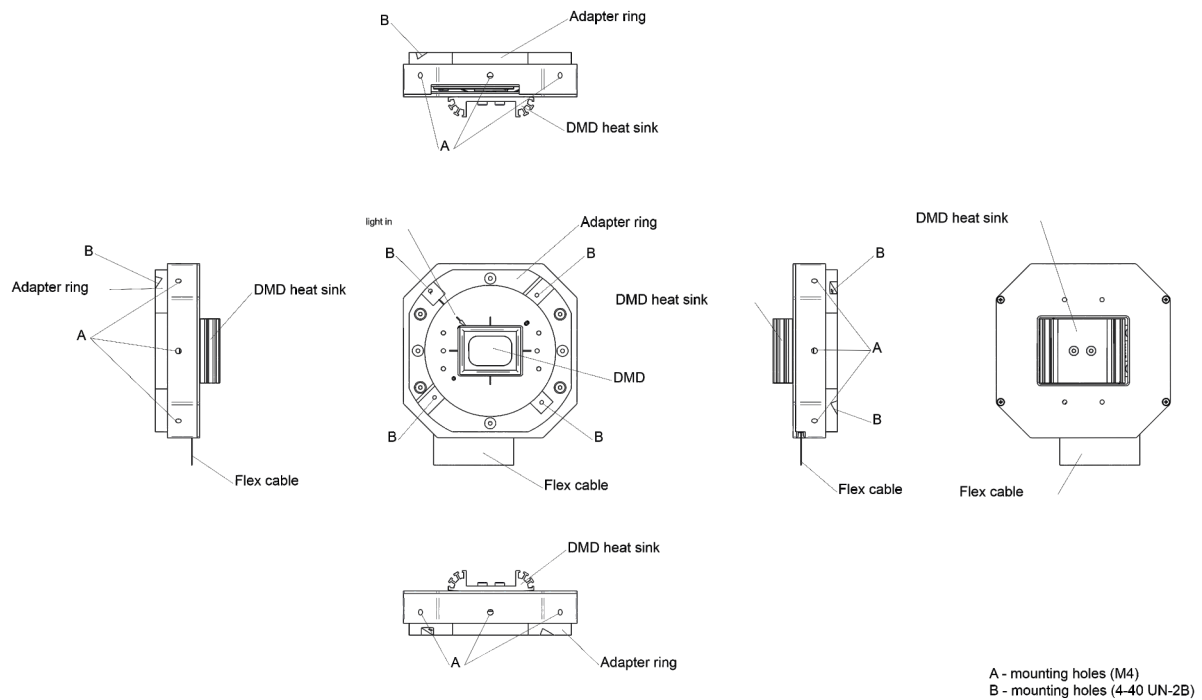


45° Turned - Thermally Enhanced

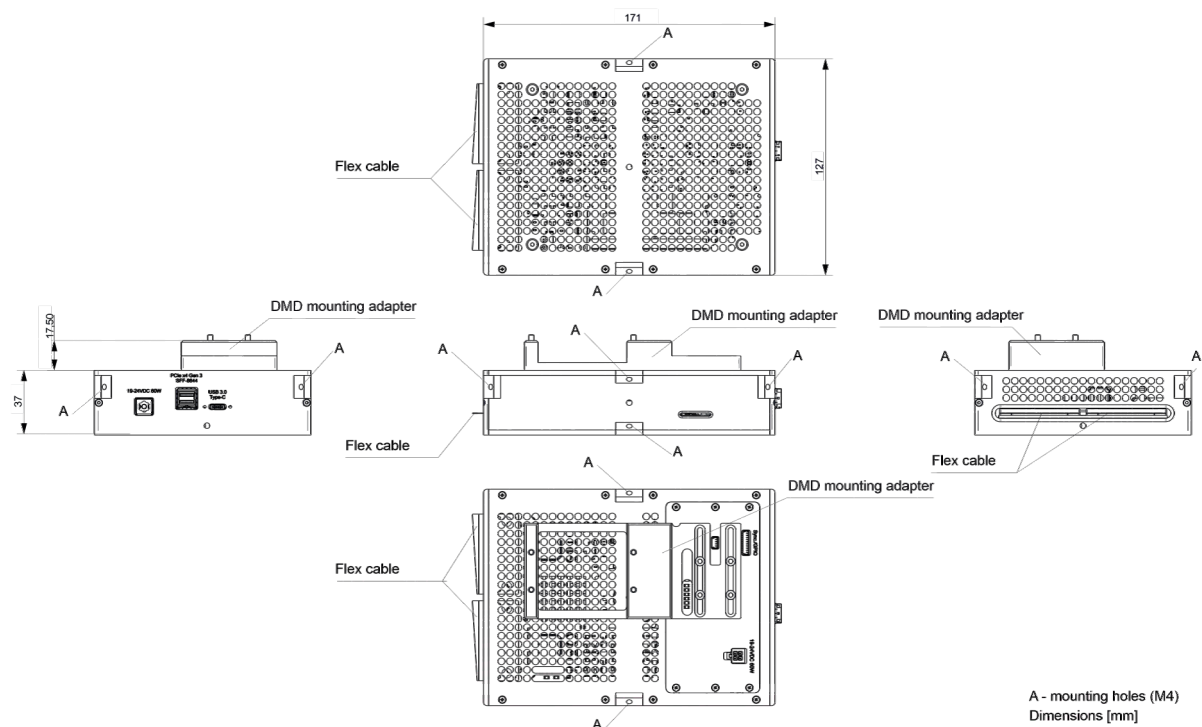
\*The additional optomechanical components are not included in the LabKit. Only standard DMD boards are supported. Custom or special versions are not compatible.



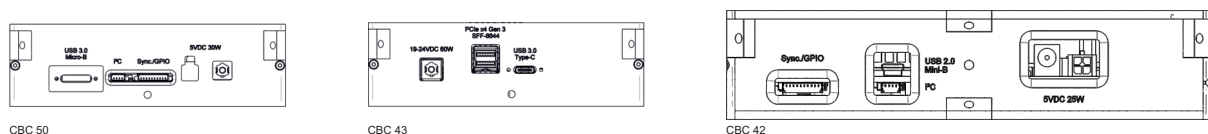
## DMD Mounting: DM 65/70



## Controller Board Case



## Interfaces: UltraSpeed V-Modules (CBC 50), SuperSpeed V-Modules (CBC 43) and Hi-Speed V-Modules (CBC 42)



Rev.-Nr.: P-25-09-245



**VIALUX**

ViALUX Messtechnik + Bildverarbeitung GmbH | Am Erlenwald 10 | 09128 Chemnitz | Germany  
P: +49 371 33 42 47 0 | F: +49 371 33 42 47 10 | dlp@vialux.de | www.vialux.de