ILLUMINATED VIEWPORTS

A lighting solution for your vacuum chamber

Take a close look onto your vacuum process



VACUUM VIEWPORT

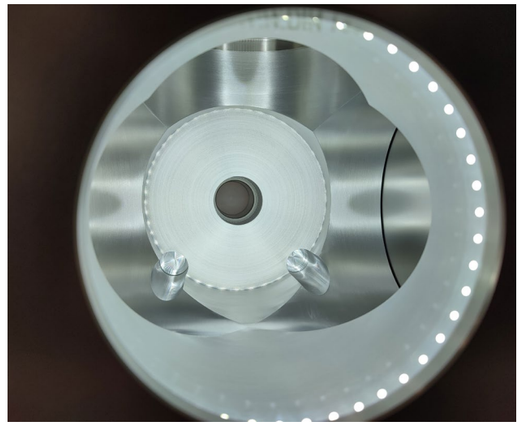
WINDOW TO YOUR PROCESS

New light into your vacuum process

Take a close look onto your vacuum process with our viewport with LED light with adjustable brightness. LED lights are on the atmospheric side. Our models are compatible with: ISO-F, ISO-K and ISO-CF flange type:

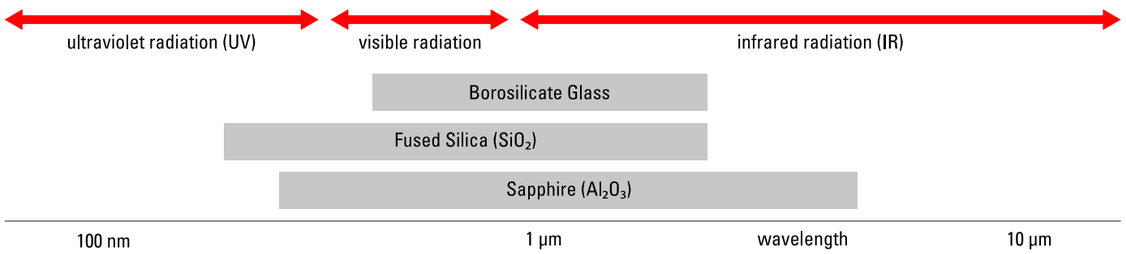
- LED white or RGB light options
- viewports with removable thin protecting glass for coating processes based on request
- viewports which can be externally closed by a stainless-steel cover
- standard viewports without light can be also supplied

Easy installation – simply plug it in to observe process areas clearly.



Viewport materials

We can use different materials depending on their transmission ranges ((ultraviolet (UV), visible (VIS), infrared radiation (IR)) – see figure below. We can also offer other material types or surface treatments for specific optical properties.



Advantages of illuminated viewport

- compact design
- ISO-F, ISO-K and ISO-CF compatible
- also suitable for block flanges
- white or RGB LED for easy installation
- 230 V/12 V power supply included
- inbuilt LED dimmer for brightness control, controlled by an illuminated switch
- LED strip not obstructing the view or the vacuum performance

Technical data overview

- flange material: stainless steel 304L
- various window materials possible
- connection type: ISO-F, ISO-K, ISO-CF standard centering rings or coper seals
- LED color: white or programmable RGB
- mounting position: any

Slim design. Many benefits. For better work.

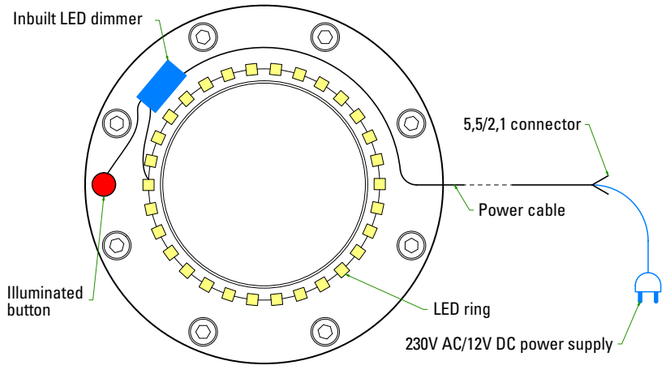
Dimensions and data



DN 100



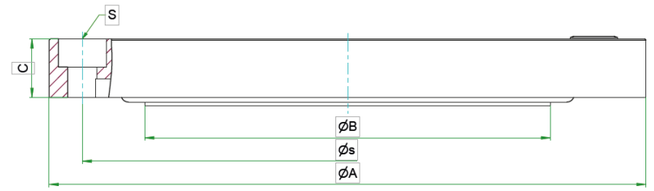
DN 160



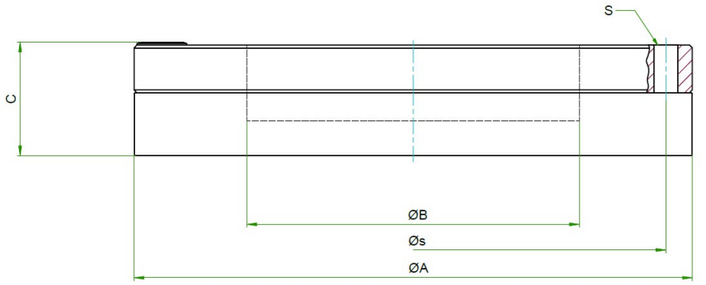
DN, Color	Voltage [V]	Power [W]	Power supply connection	Cable length [m]
DN 100 White	12	2,4	230 V (50 Hz)*	3
DN 160 White	12	2,7	230 V (50 Hz)*	3

** 110 V (60 Hz) on request*

Dimensions of ISO-F and ISO-K flange:



Dimensions of ISO-CF flange:



Flange type	DN	Ø A [mm]	Ø B [mm]	C [mm]	Ø s [mm]	S – DIN 912
ISO-F, ISO-K	DN 100	165	102	22	145	8×M8
	DN 160	225	153	22	200	8×M10
ISO-CF	DN 100	150	79	37	130,3	14×M8
	DN 160	200	119	40,5	181	18×M8

Are you interested in our viewports?
Or do you have any questions?
Please contact us:

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