

PCN Title	Prosilica Standard Format 30mm IR cut filter change		
Affected Products	Prosilica Standard Format models		
PCN Number	PCRREVB-652	PCN Issue date	2018-September-17
Contact	Inside Sales Team		

Change Type

- | | |
|---|--|
| <input type="checkbox"/> Regulatory / Compliance | <input type="checkbox"/> Firmware Specification |
| <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Accessories Specification |
| <input type="checkbox"/> Electrical Specification | <input type="checkbox"/> Discontinued |
| <input checked="" type="checkbox"/> Optical Specification | <input checked="" type="checkbox"/> Component Change |

Affected Products

Selected **Prosilica GT Standard Format** color models:

02-2611A, 06-2611A – Camera Prosilica GT1920C color
 02-2621A, 06-2621A – Camera Prosilica GT2300C color
 02-2613A, 06-2613A – Camera Prosilica GT2750C color
 02-2623A, 06-2623A – Camera Prosilica GT3300C color
 02-2633A, 06-2633A – Camera Prosilica GT3400C color

Selected **Prosilica GX Standard Format** cameras:

02-2403B – Camera Prosilica GX1660C color
 02-2407B – Camera Prosilica GX2300C color
 02-2409B – Camera Prosilica GX3300C color
 02-2408B-06 – Camera Prosilica GX3300 Mono IRC Filter

Selected **Prosilica GE Standard and Modular Concept** color cameras:

02-2076C-03 – Prosilica GE1650C Color F-mount IRC30
 02-2076C-09 – Prosilica GE1650C Color Birger-EF-mount
 02-2061C – Prosilica GE2040C Color
 02-2061C-03 – Prosilica GE2040C Color F-Mount
 02-2061C-09 – Prosilica GE2040C Color Birger-EF-mount

In addition, all Modular Concept options and customized camera designs (item ID 05-xxxxx) derived from the above base models are affected by the filter change.

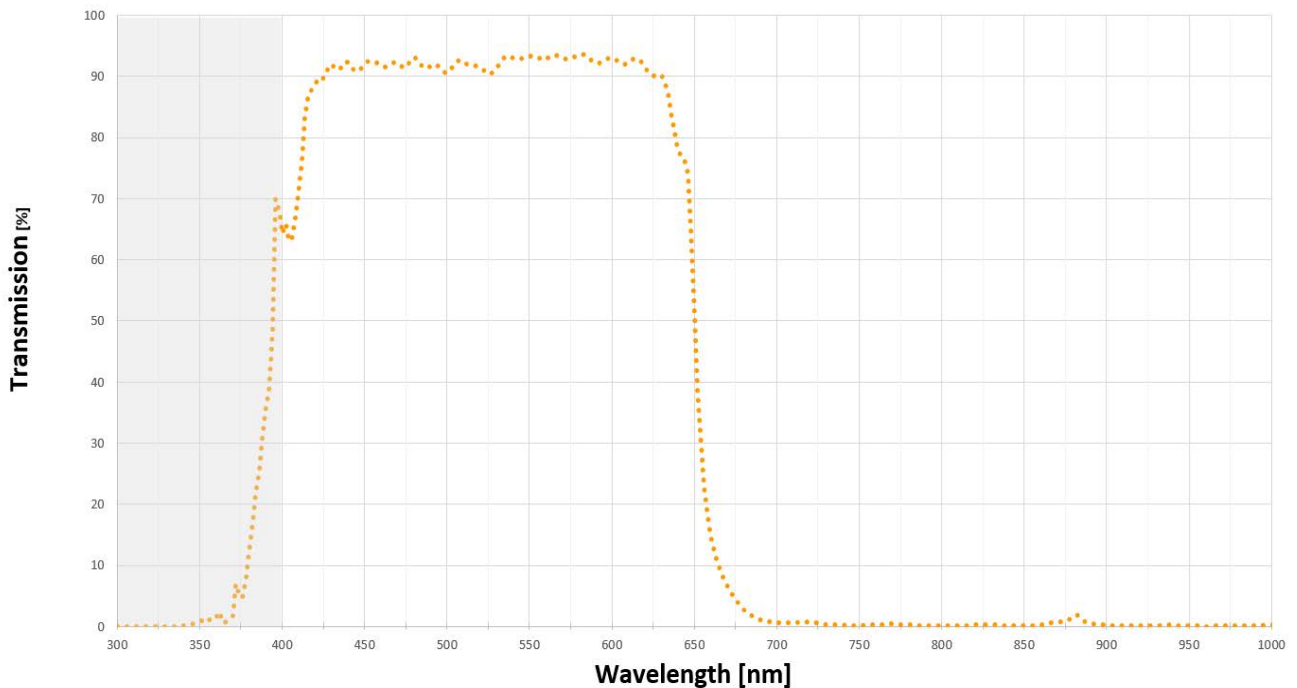
Change Description

The transmission characteristics of the new *Jenofilt217 / IRC30 Type* IR-cut filter has changed. Even if it is still within the below listed specification, the transmission characteristics of old and new filter are not fully identical. Therefore, depending on the application customers may notice some differences regarding the color reproduction, especially when using cameras with old and new filter in parallel or in case very specific spectral color reproduction is required.

The type of lighting used in an application may also affect the color response visible in the image. For example, under fluorescent daylight illumination the filters behave very similar. Under incandescent halogen illumination a difference is more noticeable. However, in most cases differences should be fixed with a new whitebalance and exposure setting.

Overall it can be said that the general transmission characteristics of the new *Jenofilt217 / IRC30 Type* IR-cut filter (see Figure 1) is still within the following specification that was also valid for the predecessor version:

- Average transmission 420-620nm is >90%
- Minimum transmission 420-620nm is >85%
- Average transmission 700-1000nm is < 5%
- IR-cut off wavelength (=50% transmission) at 650nm +/-10nm

Spectral transmission of *Jenofilt217 / IRC30 Type* IR-cut filter**Figure 1 - Transmission curve of *Jenofilt217 / IRC30 Type* IR-cut filter****Reason for Change**

The availability of the *Jenofilt217 / IRC30 Type* IR-cut filter 30mm was stopped with immediate effect by our supplier, preventing a last-time-buy. Consequently, all related cameras are shipped with new filters from September 17th, 2018.

Possible successor

There are no discontinuations of any camera models, and the same order codes can be used to order cameras with the new IR cut filter.

The information provided in this PCN notification are subject to change without notice.
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