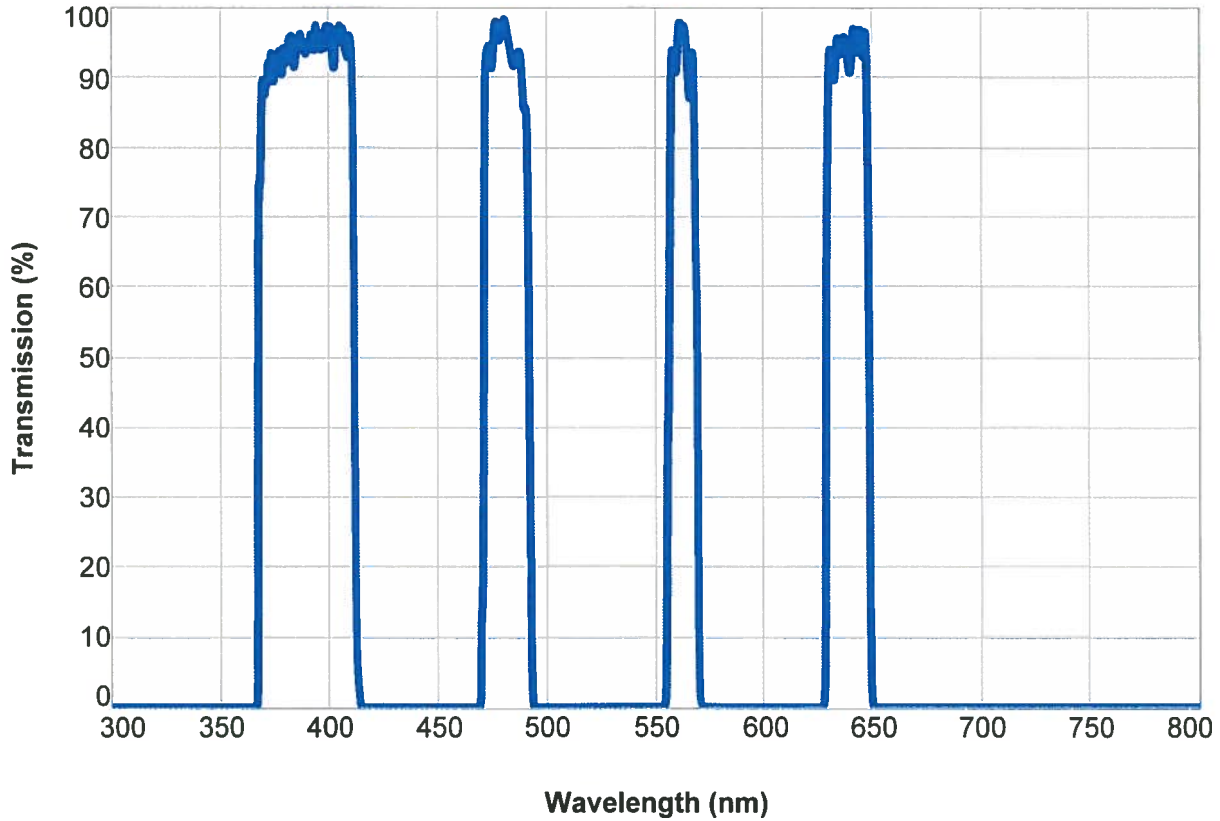


TIRF

Excitation

### Transmission Scan

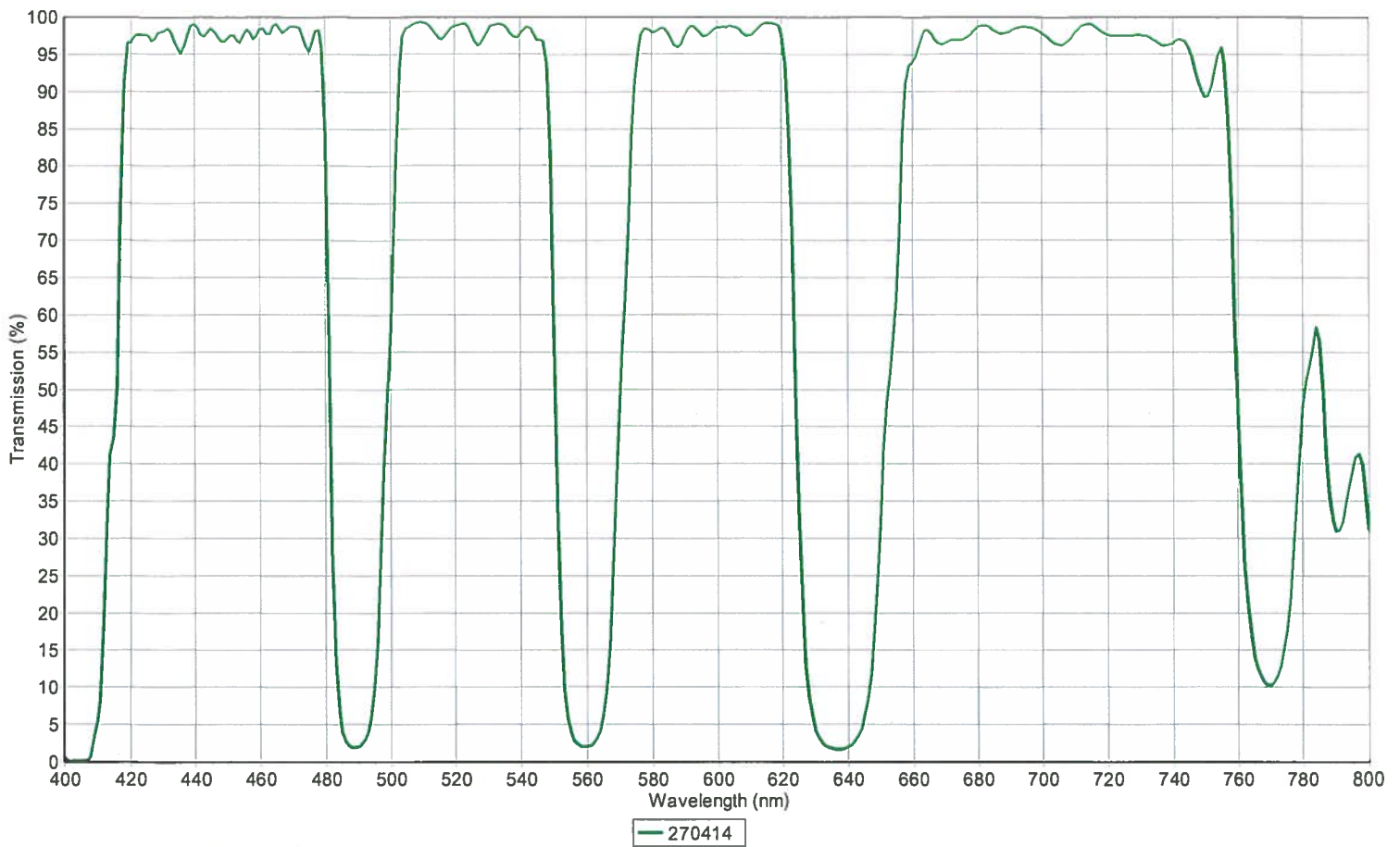


Semrock Part Number: **FF01-390/482/532/640**

Lot Number: **213237-213238**

Note: Measurement taken at normal incidence.

*The graph above is representative of the coating lot from which your filter was manufactured. The spectrum of your actual filter(s) might differ slightly within manufacturing tolerances and is certified to meet all optical specifications as detailed in the Semrock online catalog or in the associated custom specification drawing.*



Date: 2014-01-24  
 Scan Range: 400.0 nm to 800.0 nm  
 Comments: ZT405/488/561/640rpc-UF2  
 25.5 x 36 x 2mm

02-14

Description

Lots / Filepath  
 270414

TIRF dichroic



**ORIENTATION**

Proper orientation of this filter is necessary in order to minimize autofluorescence and maximize performance. Please take a moment to locate the caret (arrow) located on the edge of each filter.

Excitation (x) filters should be positioned with the caret pointing toward the specimen and the inside of the cube, and away from the light source.

Emission (m) filters should be positioned with the caret pointing toward the specimen and the inside of the cube, and AWAY from the detector/eye.

Dichroic mirrors (bs) should be mounted with the coated surface TOWARD the light source, excitation filters and specimen. The coated side will be identified with a caret pointing to it, or a bevel. The beveled side is the smaller surface.

**CLEANING AND HANDLING FILTERS**

Handle coated pieces by the edges only. Clean gently only if necessary. Loose particles should be removed with a bulb puffer or filtered pressurized air cleaner. If necessary, gently wipe surface using anhydrous alcohol and lint free lab towels. Use a new surface of towel with each wipe.

AVOID TOUCHING OR WIPING A/R COATED OR METAL MIRROR SURFACES

AVOID HANDLING EXPOSED COATINGS WITH BARE FINGERS

