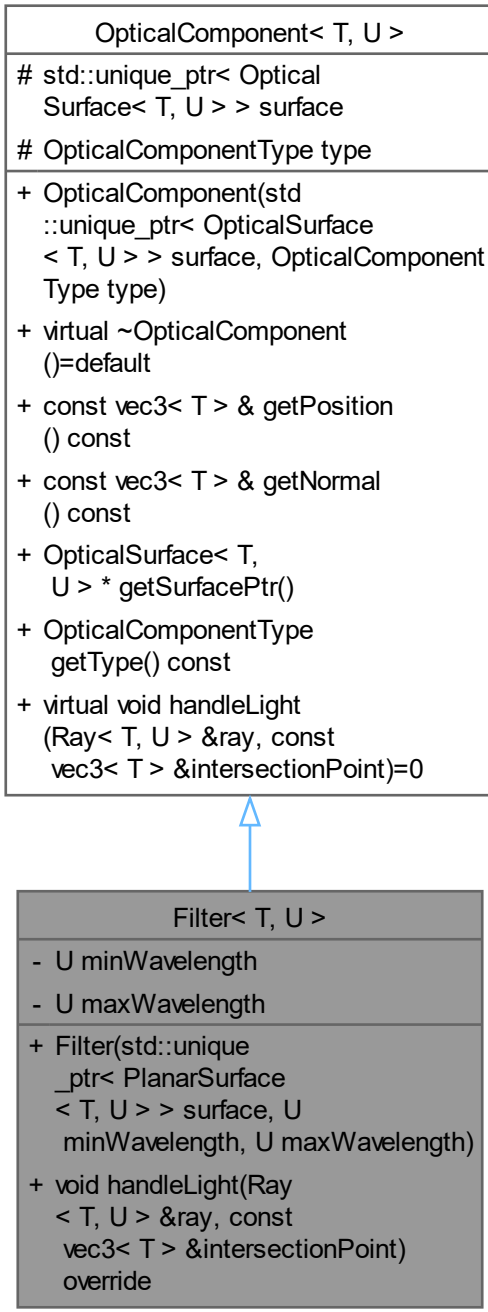
OpticalComponent< T, U >
std::unique_ptr< Optical Surface< T, U > > surface
OpticalComponentType type
+ OpticalComponent(std ::unique_ptr< OpticalSurface < T, U > > surface, OpticalComponent Type type)
+ virtual ~OpticalComponent ()=default
+ const vec3< T > & getPosition () const
+ const vec3< T > & getNormal () const
+ OpticalSurface< T, U > * getSurfacePtr()
+ OpticalComponentType getType() const
+ virtual void handleLight (Ray< T, U > &ray, const vec3< T > &intersectionPoint)=0
Filter< T, U >
- U minWavelength
- U maxWavelength
+ Filter(std::unique _ptr< PlanarSurface < T, U > > surface, U minWavelength, U maxWavelength)
+ void handleLight(Ray < T, U > &ray, const vec3< T > &intersectionPoint) override