

EOS-R Compatible Cameras and Lens

Applicable camera body	EOS R/Ra、EOS RP、EOS R5、EOS R6
Applicable Lenses	Full range of RF main and auxiliary lens Full range of EF main and auxiliary lens (adapter is required)

※ Due to limit lens resource, we only test the popular lens in market. If any available lens, feel free to contact Optolong customer service staff. We appreciate for your valuab testing information.

Packaging

Outer Box	Silver Cardboard Box
Plastic Box	PP material
Lining	Imported high pressure white EVA material; High density sponge carton lining



Installation and Removing Instructions

【安装图示 Tips for installation the filter】



把相机机身放平后, 滤镜顶部“OPTOLONG”先进入机身(如示意图1), 用手固定顶部, 然后使用辅助工具三角片抵住滤镜底部凹槽位, 往上一顶利用弹簧弹力固定滤镜在机身的位置(如示意图2)。请注意三角片切忌刮蹭镜片与相机。

Please place the camera flat, the top "OPTOLONG" of the filter enters the body firstly, and then hold the roof in place with your finger (Diagram 1). Use a triangle tool to press against the groove at the bottom of the filter, and push it by elastic force to fix the filter in the position (Diagram 2). Please note that the triangle should NOT rub the lens and camera.

【拆卸图示 Tips for removing the filter】



把相机机身放平后, 使用三角片辅助工具轻翘滤镜的凹槽位, 滤镜松动后取走即可。切忌避免刮蹭镜片与相机!

Please place the camera flat, use a triangle tool to lift up the filter at the bottom groove gently. Remove the filter after the filters loosened. Attention: Don't scratch the filter and the CMOS of camera.

EOS-R L-Pro Clip More Explanation

*因佳能R系列微单光路、光阑设计的特殊性，光线入射角原因，在使用干涉滤镜拍摄时会出现轻微暗角干涉现象。

Due to the particularity of Canon R series micro-single optical path, aperture design and light incident Angle, slight dark angle interference will occur when using interference filter for imaging.

There are two solutions to solve peripheral interference phenomenon:

- 1.对图片干涉现象进行裁剪。Cut out the interference areas of pictures.
- 2.通过后期RAW进行处理（附带视频教程）。By post processing via RAW (attach video tutorials).



Canon R+ Canon RF15-35 f/2.8+L-Pro
interference phenomenon



1. Cut out the image



2. By post processing RAW deal with
(There are video tutorials.)



Canon R+Canon RF15-35 f/2.8+L-Pro clip
Image came from domestic astrophotographer ©拂晓_718

L-Pro Introduction

1. L-Pro

Introduction:

In suburban areas with weak light pollution, the color balance is good. The design of multi-band pass ensures excellent color restoration. L-Pro is a low color cast filter, which specially designed for starry sky photography. That is not possible with other light pollution filters



2. L-Pro Spectrum:

According to the relatively light pollution in suburbs, the image does not produce obvious color deviation phenomenon. The multi-band spectrum is specially designed and optimized as shown in the figure below.

3. L-Pro characteristic:

Peak Transmittance: $T > 90\%$

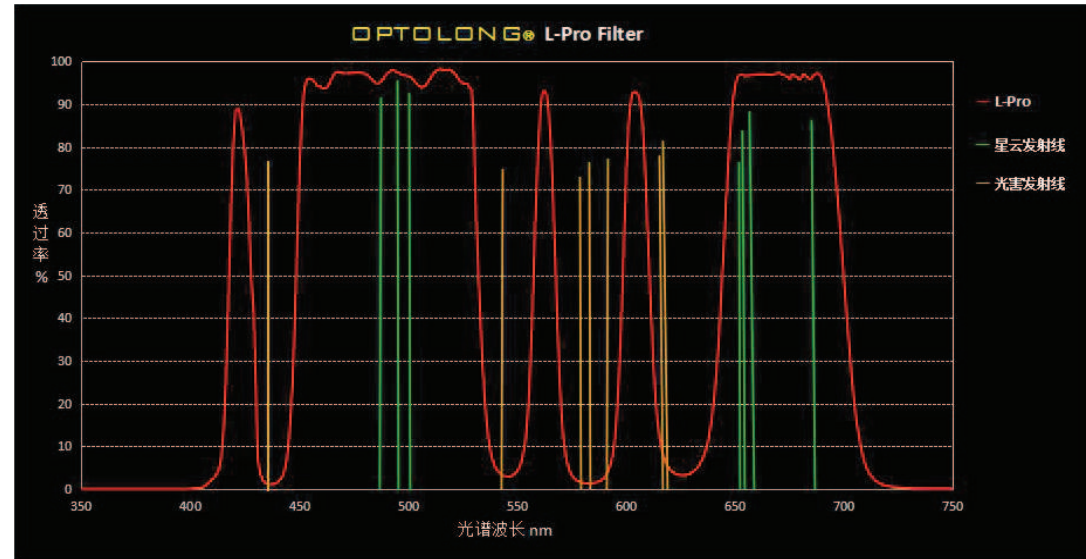
Blocking area: 380-750nm

Blocking depth: light pollution blocked $> 90\%$

Surface quality: 60/40 (Refer to MIL-O-13830)

Surface shape: $\lambda/4$

Parallelism: 30'



线状谱发射线:

H β 486nm	O III 496nm	O III 501nm	H α 656nm
N-II 654nm	N-II 658nm	S-II 672nm	

城市有害光Na和Hg灯对应的波长:

Hg 435.8nm	Hg 546.1nm	Hg 577.0nm	Hg 578.1nm
Na 589.0nm	Na 589.6nm	Na 615.4nm	Na 616.1nm



4. L-Pro Imaging Target

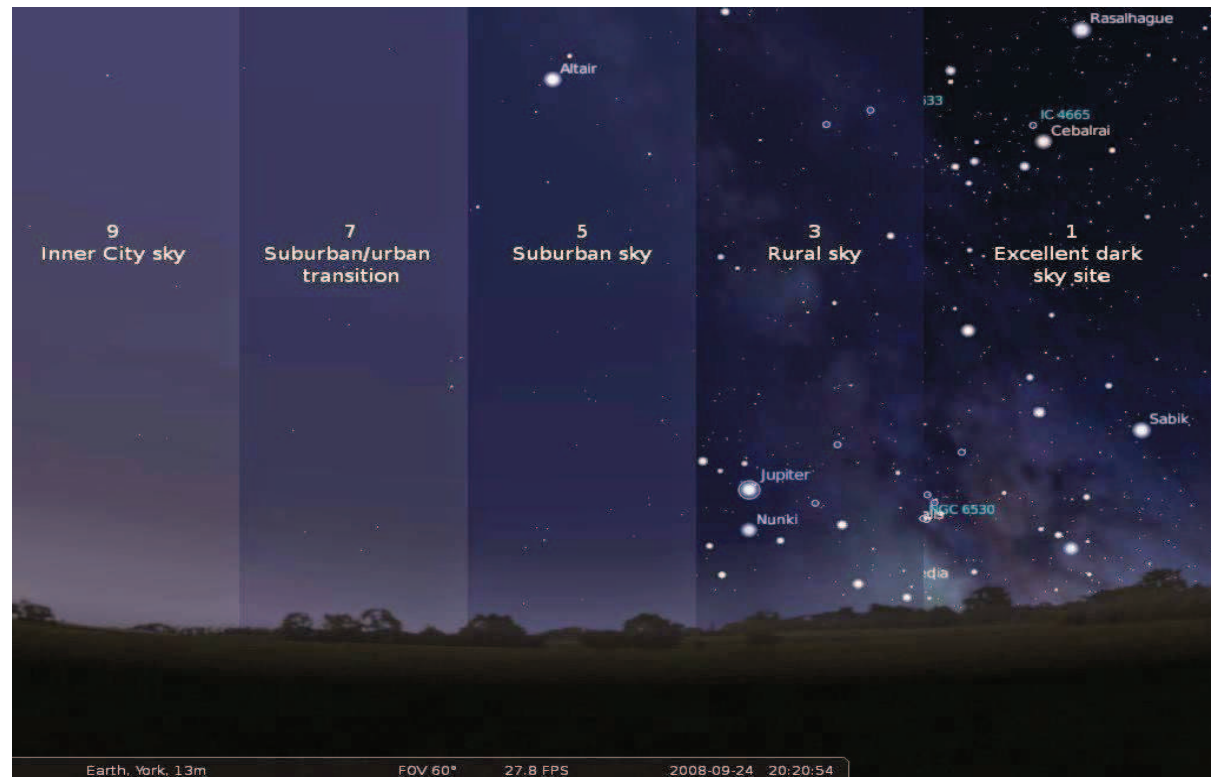
In light pollution environment, it suits for imaging the Milky Way at all seasons with wide Angle lens;

In light pollution environment, it suits for imaging deep sky objects at all seasons;

Suitable for continuous spectrum of celestial objects, such as nebulae, galaxy, Milky Way, etc.

5. Working Environment

L-Pro is suitable for level 3-7 according to the Botel dark space classification.



Prompt Tips

*使用NK-FF/EOS-FF 内置型滤镜拍摄时，反光板提起会影响光学取景窗(OVF)无法取景，必须使用Live View(实时显示)模式拍摄。

When using NK-FF /EOS-FF clip-in filters, the lifting of the reflector will affect the optical viewfinder window (OVF), so you have to use Live View mode for shooting.

*因各家厂商镜头光学设计皆不相同，使用部分鱼眼、超广角及广角镜头拍摄时，可能会导致影像四周边角产生模糊之现象，此为正常情形（可选取L-Pro UT超薄款解决此问题）。

Due to the different lens optical design of different manufacturers, part use of fisheye lens, ultra wide Angle lens and wide Angle lens may lead to image fuzzy at around. It is normal. Or you can choose L-Pro UT, the ultra-thin model to solve this problem.

*因各家厂商对焦系统设计皆不相同，部分入门级机型使用光学取景窗(OVF)对焦时，可能会发生无法顺利合焦的状况，建议使用Live View(实时显示)模式拍摄。

Some entry-level models may fail to focus when using optical viewfinder (OVF) due to different focusing system designs. Using Live View(real-time display) mode for shooting will be recommended.

*切忌直接对着强光源头拍摄，由于干涉滤镜近百层膜层易产生二次反射，会导致成像质量下降。

Pls DO NOT shoot directly at a strong light source, because that may produce secondary reflection and lead to the degradation of image quality.

*移除内置型滤镜时，机身请平躺朝上避免滤镜触碰镜头尾部。

When removing the clip-in filter, please place the camera flat and face up to avoid the filter touching the rear of the lens.

