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Lumicon - the fall of the legend

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Marek_N

Post subject: Lumicon - the fall of legend

Posted: Thu Nov 14, 2017 8:31 pm

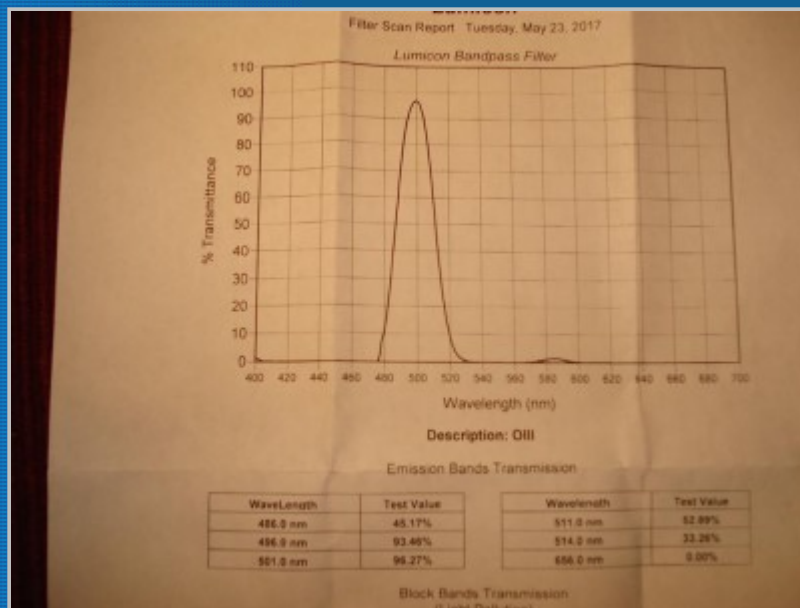
online

While doing a cyclical review of the "internet" recently, I came across a very surprising picture. It presents a graph of a new (23/05/2017) Lumicon OIII filter.

Attachment:



Registration: Sat Aug 06,
2005 2:50 pm
Posts: 229
Town: Kraków

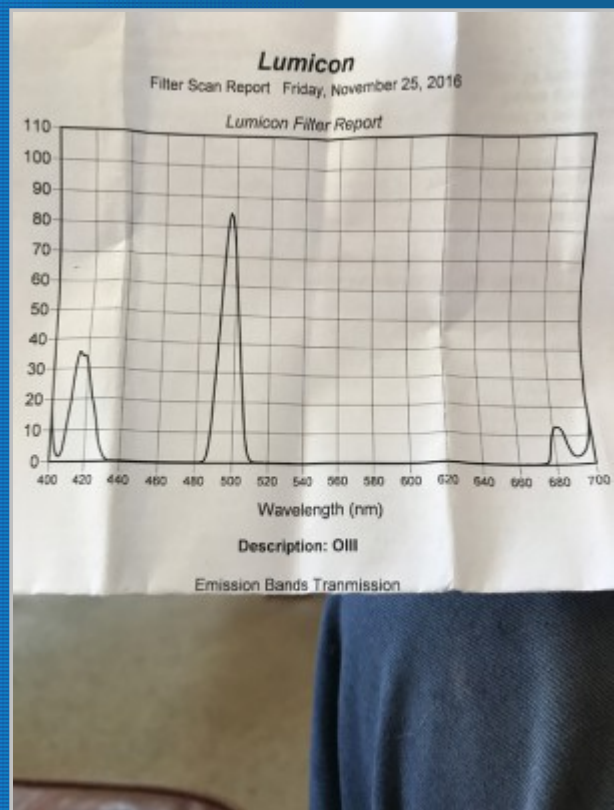


loiii_1.jpg [69.72 KiB] Viewed 121 times]

What is shocking is that the filter instead of the nominal half width of ~ 12 nm, it has more than twice as large (~ 25nm, much lower contrast) and even in 45% permeates the H-beta lines.

A moment later I find another graph for the new (November 25, 2016) Lumicon OIII, different, but equally fatal:

Attachment:



loiii_2.jpeg [119.14 KiB] Viewed 121 times]

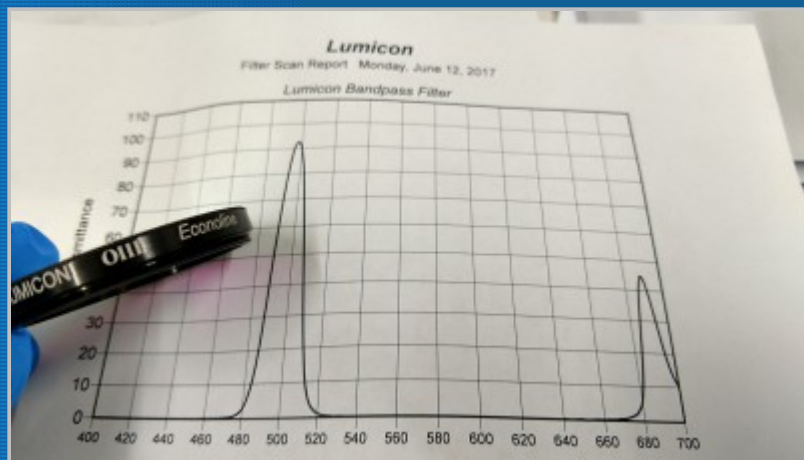
Here we have known for Lumicons OIII 12nm FWHM, but the transmission for the most important line 501 nm is only 60% !!

For people a little bit interested in the subject are well-known graphs - typical Chinese, economical production. With a single resonance bay (plot to the spike, no flattening).

The entire thread with the above charts can be found in the following link:

- <https://www.cloudynights.com/topic/5807> ... an-report / It turns out that these are filters from the new Econoline series. Typical Chinese poor-what. Below the manufacturer's announcement: - <https://www.cloudynights.com/topic/5806> ... n-filters /

Attachment:



loiii_3.jpg [194.93 KiB] Viewed 121 times]

But notice two things:

- once again it is a different chart, this time ~ 18nm FWHM and 85% for the spectral line 501 nm
- the Econoline series goes on sale on 17/06/2017, so the above people were deliberately sold some crap in the price the original Lumicon OIII.

Mega disgust, spoiling the brand, buying a cat in a sack - this is what Lumicon looks like right now? I think, unfortunately. And this is not the end. But about that in the next post.

Taurus 270 + platform SW 80/400 2 "+ AZ4 | 20T5 | 13T6 | 8E | ES 4.7 | UHC, OIII 2" | AstroTrac TT320X-AG

Mountain



Marek_N

Post subject: Re: Lumicon - the fall of legend

Posted: Thu Dec 14, 2017 8:57 pm

online

When cheap Chinese filters were unmasked by Cloudynights readers and the producer attributed a new Econoline series to them, more "revelations" appeared.

Cary, the current owner of the brand with normal (non-economical) Lumicon filters, writes the following on the CN forum:

" Admittedly the FWHM of the current production is wider than it has been in the past. out of the market in the current state of affairs. "OIII filters for \$ 600.00 each. "



Registration: Sat Aug 06,
2005 2:50 pm
Posts: 229
Town: Kraków

What can be translated as:

"Undoubtedly, FWHM's current production is wider than in the past." The key point is that the former OEM has deliberately withdrew from the market in favor of ultra high-end filters. In the current situation, if I were to have old production, we would have to sell 2 "filters "OIII" for \$ 600.00 each. "

So, what we were paying Lumiconowi (for OIII 12nm, 25nm for UHC - the transmission of > 90%) no longer applies. the current filters are wider, which have a lower contrast.

Well summed it one of the readers:

" Now, this is just my perspective, Filters are NOT Lumicon Filters IMO. They may resemble Lumicon and carry the name but the similarities end there. "

"From my point of view, these filters are not Lumicon filters, they may resemble Lumicon and bear its name but the similarities end here."

Conclusion

If someone has Lumicons from the golden period (around 2001-2012), it is better to watch them because they can be hard to buy back on the secondary market. It's probably not worth buying new ones anymore.

Taurus 270 + platform SW 80/400 2 "+ AZ4 | 20T5 | 13T6 | 8E | ES 4.7 | UHC, OIII 2" | AstroTrac TT320X-AG

Mountain



profil

Kurp

Post subject: Re: Lumicon - the fall of legend

Posted on: Thu Dec 14, 2017 9:04 pm

online



Hey. That's how the brand is devastated. A brand that was the epitome of the highest quality - there was no other quality. Detriment. "Gone with the Chinese Wind."

Regards Krzysztof "Kurp"
SW ED 100/900

Registration: Nie Sty 13,
2013 10:23 PM
Posts: 910
Town: Ostrołęka

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