GLO




# LOMO SPHERICAL

Lens Set

TECHNICAL OERVIEW

# LOMO
# SPHERICAL

LOMO, an acronym for Leningrad Optical-Mechanical Association, represents a legacy of Soviet-era optical innovation. These 1980s Russian cinema lenses offer a glimpse into a bygone era of filmmaking. Designed to cover the Super 35mm format, LOMO Sphericals were once the pinnacle of Soviet optical engineering. These were purpose-built for cinema, gracing the sets throughout the Soviet Union and Eastern Bloc. Today, their performance remains remarkably impressive.

Wide open, LOMO Sphericals possess a captivating softness, with slightly lower contrast and a gentle bloom in the highlights, creating a dreamlike quality. Their bokeh is nothing short of stunning, swirling and dreamlike, reminiscent of classic cinema. As you stop down to T2, the lenses reveal their full potential, with sharpness and contrast increasing to peak performance.

But the true magic of LOMO Sphericals lies in their distinct analog character. They flare in a way that is both unique and beautiful. Focus breathing is exceptionally well-controlled, virtually non-existent on the wider focal lengths, ensuring smooth and precise focus transitions. In addition to their optical character, these rehoused LOMO Sphericals offer practical advantages: close focus has been greatly improved on all of the lenses, and they all have matching 110mm fronts and matching gear positions.

More than just lenses, LOMO Sphericals are a portal to the soul of Soviet cinema, inviting you to infuse your projects with a unique blend of history and artistry.




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## LENS SETS SPECIFICATIONS

| Lens | Focal Length | Enhanced CF | Focus Rotation | Weight (KG) | Front Diameter | Length (mm) | Image Circle | Iris Blade Count | Tstop |
|---|---|---|---|---|---|---|---|---|---|
| LOMO | 14 | 8." | 170° | 1.45 | 110 | 83 | - | 15 | T1.5 |
| LOMO | 18 | 6" | 330° | 1.4 | 110 | 83 | - | 15 | T1.4 |
| LOMO | 18 | 5." | 330° | 1.4 | 110 | 86 | - | 15 | T2.5 |
| LOMO | 22 | 6." | 330° | 1.6 | 110 | 97 | - | 8 | T1.4 |
| LOMO | 22 | 7" | 330° | 1.6 | 110 | 103 | - | 15 | T2 |
| LOMO | 28 | 8" | 330° | 1.8 | 110 | 124.5 | - | 15 | T1.2 |
| LOMO | 35 | 10" | 330° | 1.4 | 110 | 86 | - | 15 | T1.2 |
| LOMO | 50 | 12" | 330° | 1.4 | 110 | 90.5 | - | 15 | T1.2 |
| LOMO | 50 | 12" | 330° | 1.4 | 110 | 90.5 | - | 15 | T1.2 |
| LOMO | 75 | 2'5" | 330° | 1.5 | 110 | 90.5 | - | 15 | T1.4 |
| LOMO | 75 | 2'5" | 330° | 1.5 | 110 | 90.5 | - | 15 | T1.4 |
| LOMO | 100 | 2.5" | 330° | 1.65 | 110 | 118.5 | - | 15 | T2.8 |

## GL OPTICS

At GL Optics, we are proud pioneers in the art of lens rehousing. Now on our Mk V lens body, we have established a reputation for excellence.


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