

Quality Control System

Lens inspection standard:HC/HMC Surface standard

In the reference point as the center, the diameter of 30mm cannot exist within the region affecting the eyesight of Huo Guang, defects in conformity with the following table. (There are no more than 6 defects in one piece)

< The publication of the surface flaws allows for deviations >

Defect Item	A Grade	B Grade
Point	No allowed in No.1 area	Allowed two highlights $\leq \phi 0.15\text{mm}$ out of the 10mm in No.1 centre, two gray points $\leq \phi 0.2\text{mm}$, but not concentrate
	Allowed three gray points $\leq \phi 0.15\text{mm}$ in No.2 area, but not concentrate	Allowed two highlights $\leq \phi 0.20\text{mm}$ in No.2 area, three gray points $\leq \phi 0.25\text{mm}$, but not concentrate
	Allowed two points and three gray points $\leq \phi 0.20\text{mm}$ in No.3 area, but not concentrate	Allowed two highlights $\leq \phi 0.30\text{mm}$ in No.3 area, three gray points $\leq \phi 0.4\text{mm}$, but not concentrate
Strip	No allowed in No.1 area	No allowed in No.1 area
	No allowed in No.2 area	Allowed one $\leq \phi 0.15 \times 3\text{mm}$ in No.2 area
	No allowed in No.3 area	Allowed two $\leq \phi 0.03 \times 5\text{mm}$ in No.3 area
Impurity	No allowed	Allowed one $\leq \phi 0.5 \times 5\text{mm}$ in No.2 area
Feather	No allowed	Allowed one 2.0mm in Two region close to three area
Watermark	No allowed	Allowed one $\leq \phi 0.5\text{mm}$ in No.3 area
Liner seal	No allowed	Allowed one $\leq \phi 0.5 \times 5\text{mm}$ in No.3 area
Bubble / collapse	No allowed	No allowed

No.1: $\phi 30\text{mm}$ is optical center, area except two / three

No.2: From the ring region of the reference point 10mm in the three region

No.3: Outer ring region of edge 5mm

Note: Inspection method for surface quality

Left hand take lenses are placed between in glasses and lighting, and put the back lens in front of a black background, (eyes, lens, light in a horizontal line, lens from lamp 88mm, lens from the eye 33mm), use eyes to see lens surface and there is no internal defects, also with a paper towel leaching for acetone gently wipe the lens surface)