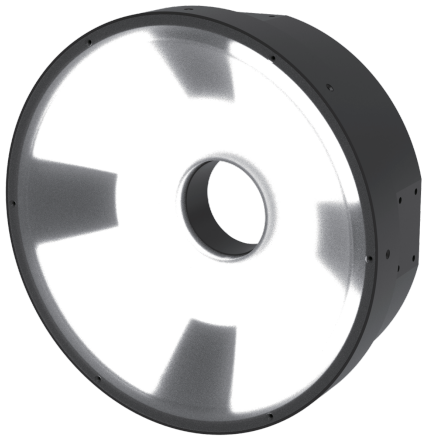
AOI40Q

40-zone programmable light

Forty independently controlled zones span seven rings and four sectors. Combine ring, sector and local patterns to vary the incident light and evaluate scratches, dents, relief, contamination and deformation on metal parts.



Available models

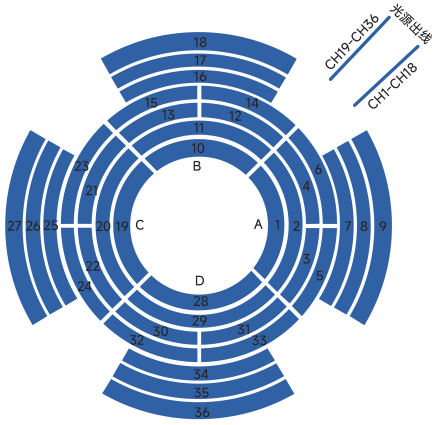
Model	Input voltage	Zones
LXV-AOI40Q-217-W	48 V	40

Technical specifications

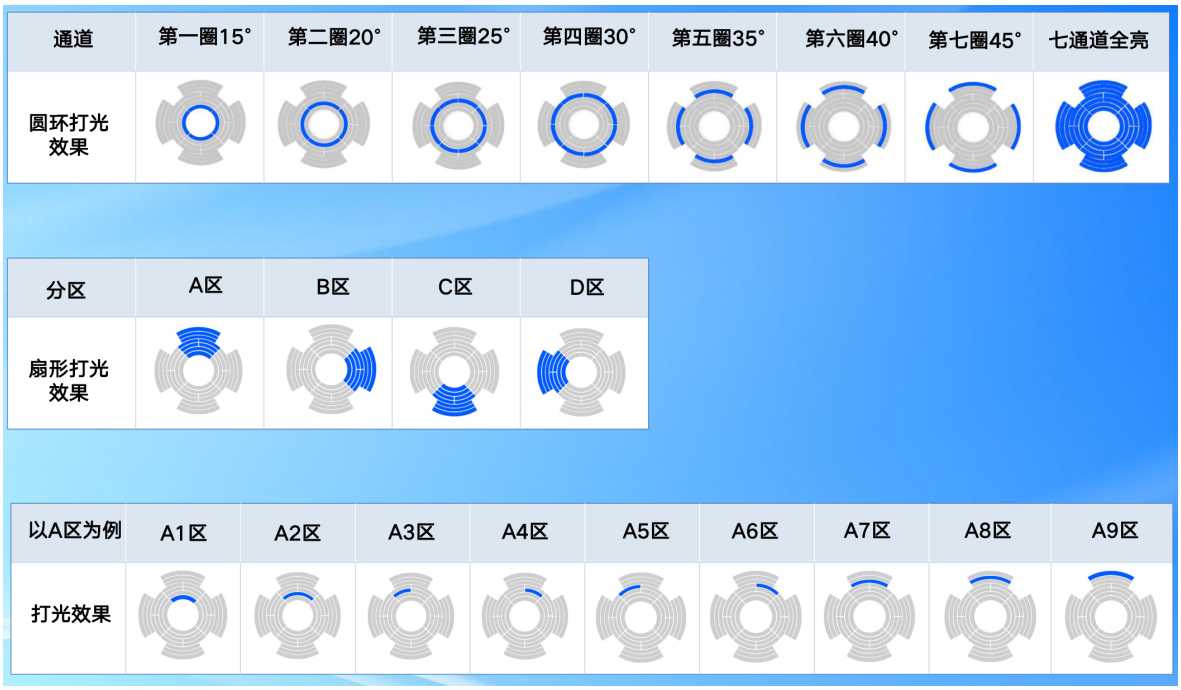
Parameter	Value
Light operating voltage	48 V
Channels	40
Seven ring angles	15° / 20° / 25° / 30° / 35° / 40° / 45°
Recommended working distance	40–83 mm
Overall dimensions	Ø217 × 72 mm

AOI40Q / Application & construction

40-zone layout and ring / sector patterns



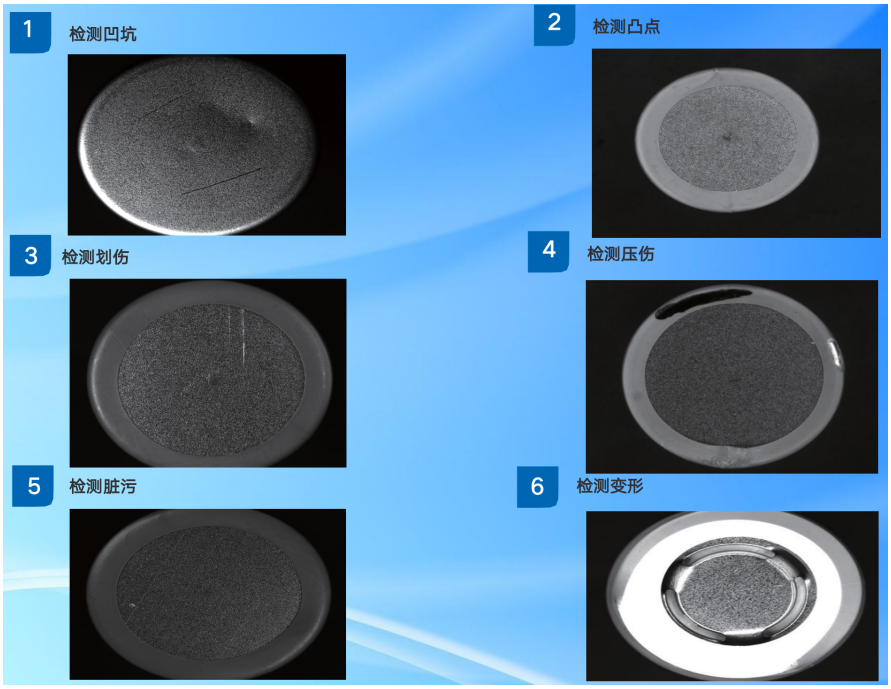
40-zone layout and ring / sector patterns



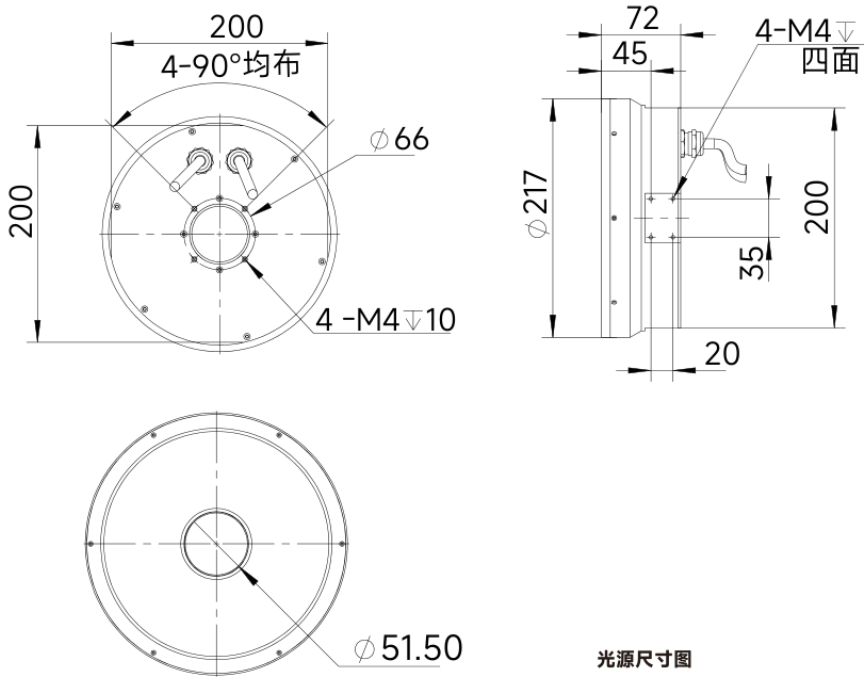
Illustrations retain their original technical annotations. Imaging examples are for application evaluation; the final result depends on the workpiece, optics, exposure and lighting configuration.

AOI40Q / Application & construction

Application imaging examples



Mechanical dimensions



Illustrations retain their original technical annotations. Imaging examples are for application evaluation; the final result depends on the workpiece, optics, exposure and lighting configuration.