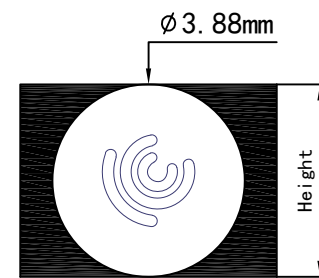
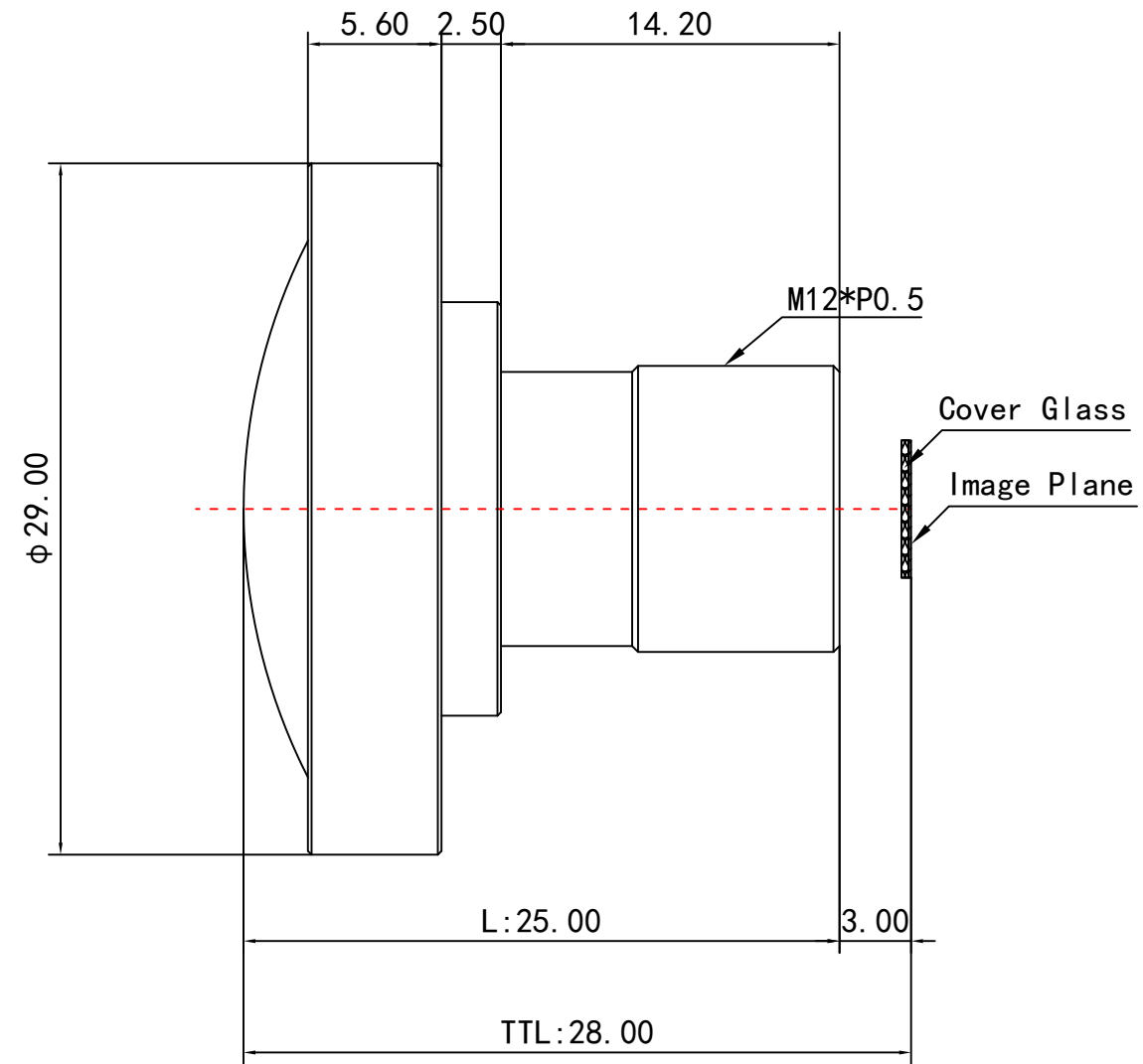


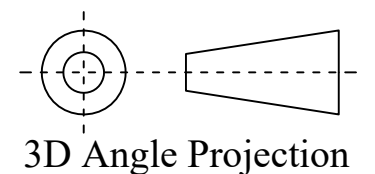
|    |                       |               |      |
|----|-----------------------|---------------|------|
| 1  | Type                  | Fisheye Lens  |      |
| 2  | Resolution            | 8MP           |      |
| 3  | Image Format          | 1/2.8"        |      |
| 4  | Image Circle          | φ3.88mm(MAX)  |      |
| 5  | EFL                   | 1.19mm        |      |
| 6  | TTL                   | 28.00mm       |      |
| 7  | F/NO.                 | 2.0           |      |
| 8  | FFL (M)               | 3.0mm         |      |
| 9  | BFL (O)               | 3.11mm        |      |
| 10 | For Sensor            | IMX335        |      |
| 11 | F.O.V                 | Horizontal    | 185° |
| 12 |                       | Vertical      | 185° |
| 13 |                       | Diagonal      | 185° |
| 14 | OPT Distortion        | <-97.5%       |      |
| 15 | Relative Ill.         | >87%          |      |
| 16 | Chief Ray Angle       | <10°          |      |
| 17 | M.O.D                 | 0.1m~∞        |      |
| 18 | Mount Type            | M12*P0.5      |      |
| 19 | Dimension Figure      | φ29.0*L25.0mm |      |
| 20 | Lens Structure        | 10G           |      |
| 21 | IR-Filter             | Non-IR        |      |
| 22 | Waterproof            | No            |      |
| 23 | Weight                | 15.7g         |      |
| 24 | Iris Operation        | Fixed         |      |
| 25 | Zoom Operation        | Fixed         |      |
| 26 | Focus Operation       | Manual        |      |
| 27 | Operating Temperature | -20° ~+85°    |      |
| 28 | Storage Temperature   | -20° ~+85°    |      |



Circular Fisheye



| Scale | Remark | Tolerances | Date       | Revised       |            |
|-------|--------|------------|------------|---------------|------------|
| 4:1   | X      | ±0.2       | 2022-06-22 | CH327C Rev1.0 |            |
|       | X.0    | ±0.15      |            |               |            |
| Units | X.00   | ±0.10      | Design     | Linda         | 2019-08-03 |
|       | X.000  | ±0.001     | Checked    | Anna          | 2019-08-13 |
| mm    | Angle  | ±0.5°      | Approval   | Sanmu         | 2019-09-20 |

 福州创安光电科技有限公司  
 FUZHOU CHUANGAN OPTICS CO., LTD


3D Angle Projection