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## SYC7055A \_ 1/2.7" 2MP All- in one Lens

| No. | ITEM                         |            | SPECIFICATION                               |                | NOTE                                    |
|-----|------------------------------|------------|---|----------------|---|
|     |                              |            | WIDE  | TELE           |   |
| 1   | Image Circle                 |            | $\Phi 7$                                    |                |   |
| 2   | Effective Focal Length (EFL) |            | 5.5mm $\pm$ 5%                              | 110mm $\pm$ 5% | At infinity                             |
| 3   | Front Focal Length (FFL)     |            | 1.09mm                                      |                | At infinity, in air, IR Cut Filter "In" |
| 4   | Total Track Length (TTL)     |            | 81.1mm                                      |                |   |
| 5   | F No.                        |            | 1.6 $\pm$ 5%                                | 3.5 $\pm$ 5%   | At infinity                             |
| 6   | Field of View (FOV)          | Diagonal   | 60.2°                                       | 3.7°           |   |
|     |                              | Horizontal | 58.6°                                       | 3.6°           |   |
|     |                              | Vertical   | 54.7°                                       | 3.3°           |   |
| 7   | TV Distortion                |            | -1.25%                                      | 0.35%          |   |
| 8   | Relative Illumination        |            | 46%   | 64%            |   |
| 9   | Chief Ray Angle (CRA)        |            | 4.0°  | 2.8°           |   |
| 10  | Resolution                   |            | AXIS: 160p/mm<br>2nd circle(0.7Y): 125lp/mm |                |   |